# UNITED STATES DEPARTMENT OF AGRICULTURE

AGRICULTURE RESEARCH SERVICE

PLANT QUARANTINE BRANCH

SERVICE AND REGULATORY ANNOUNCEMENTS

# LIST OF INTERCEPTED PLANT PESTS, 1955

**(List of Pests Recorded from July 1, 1954, through June 30, 1955 as Intercepted in, on, or with Plants and Plant Products Entering United States Territory.)**

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## INTRODUCTION

Interception lists have been issued for forty-one years. Beginning with February 2, 1914, a "News Letter" was published at irregular intervals up until 1921 when it was issued on an annual basis which has continued to the present time. This forty-second report is composed of plant pests found in, on, or with plant products (1) imported, (2) offered for but refused entry, (3) held as ships' stores, etc., and hence not offered for entry through customs, (4) offered for entry for immediate transportation and exportation in bond, and (5) in domestic shipments between the American Virgin Islands, Hawaii, and Puerto Rico and the mainland.

The pests listed include insects, snails, fungi, bacteria, nematodes, and viruses causing diseased conditions of known or potential plant quarantine significance to the United States. Some common organisms are included if they are (1) new to the country of origin, or (2) new to the host plant, or (3) are of such limited distribution in the United States that they are worthy of mention.

Some collections made late in the year are included in the report for the following year, since determinations cannot be obtained immediately for all of them. Occasionally determinations are delayed for longer periods. The data for this list were obtained from identifications made by specialists of the Entomology Research Branch and from routine reports by personnel of the Plant Quarantine Branch supplemented by information supplied by State officials. The States of California and Florida maintain staffs of specialists who identify a large proportion of the material collected at their ports. Specialists of the Field Crops Research Branch and the Horticultural Crops Research Branch determine many of the pathogens that are unusual or difficult to identify. Specialists in the latter organization also identify many of the host plants shown in the list.

The scientific names conform to the International Rules of Nomenclature.

The correct origin of host plants is verified insofar as it is possible. Questionable cases are omitted or the origin is listed as unknown.

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## INTERCEPTIONS FROM AIRBORNE MATERIAL

The rapid development of air transportation from all parts of the world has resulted in a greater number of importations of plants and plant products. Constant vigilance at the airports is necessary to prevent the introduction of foreign pests.

Some important interceptions of airborne plant pests were made during the year. A total of 3,150 insects and 482 diseases were found in baggage, express, freight, mail, or stores on imported plants or plant products while other interceptions were made by preflight inspection of airplanes leaving Hawaii and Puerto Rico for the mainland.

Some important insects intercepted with airborne material were:

*Adoxophyes orana* on apple in stores from England, and on cut flowers of lilac and lily in cargo from the Netherlands.

The citrus blackfly (*Aleurocanthus woglumi*) on *Citrus* sp. leaves in baggage from Mexico.

*Anastrepha fraterculus* in guava in baggage from Colombia.

The Mexican fruit fly (*Anastrepha ludens*) in mamey in baggage from Nicaragua; in mango in baggage from Guatemala, Mexico, and Salvador; in mango in cargo from Guatemala; in orange in baggage from Guatemala and Mexico; and in orange in stores from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in guava in baggage from Guatemala; in mango in baggage from Brazil, Cuba, Dominican Republic, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, and Salvador; in mango in quarters from Panama; in purple mombin in baggage from Cuba and Nicaragua; in *Spondias* sp. in baggage from Costa Rica, Nicaragua, and Salvador; in *Spondias* sp. in cargo from Costa Rica; in yellow mombin in baggage from Guatemala, Nicaragua, and Salvador; and in yellow mombin in cargo and mail from Guatemala.

*Anastrepha serpentina* in mamey in baggage from Salvador, in sapodilla in baggage from Guatemala, Nicaragua, and Salvador.

*Carposina sasakii* in apple in baggage and stores from Japan, in peach in baggage from Japan.

The Mediterranean fruit fly (*Ceratitis capitata*) in apple in stores from the Azores; in apricot in stores from an unknown origin; in coffee berry in baggage from Brazil; in coffee berry in preflight inspection of baggage leaving Hawaii for the mainland; in fig in baggage from the Azores and Italy; in loquat in baggage from Portugal; in Mandarin orange in stores from Morocco and Portugal; in nectarine in baggage from Italy; in orange in baggage from the Azores, Italy, Portugal, and Spain; in orange in cargo from Italy; in orange in quarters from France (?); in orange in stores from the Azores, Portugal, and Spain; in peach in baggage from France; in peach in stores from Italy; in pear in baggage from Italy; in pear in stores from the Azores; in pricklypear in baggage from the Italy. *C. capitata* (?) in apple in stores from an unknown origin; in avocado in baggage from Hawaii; in apricot in stores from an unknown origin; and in *Passiflora* sp. in baggage from Portugal.

*Cylas formicarius formicarius* in sweetpotato in cargo from India and Japan.

The oriental fruit fly (*Dacus dorsalis*) in coffee berry, in mountain apple, with an orchid plant, in fruit of *Terminalia* sp., and in ti berry in preflight inspection of baggage leaving Hawaii for the mainland. *D. dorsalis* (?) in Arabian coffee berries in preflight inspection of baggage leaving Hawaii for the mainland.

The olive fruit fly (*Dacus oleae*) in olive in baggage from Greece, Italy, and Lebanon.

Possibly *Dacus tryoni* in pear in stores from Australia.

An aleyrodid, *Frauenfeldiella jalinekii* on a leaf of *Viburnum tinus* var. in cargo from England.

*Haplothrips cottei* on carnation in baggage from Greece.

The pink bollworm (*Pectinophora gossypiella*) in cottonseed in baggage from Jamaica and in cotton boll in preflight inspection of baggage leaving Hawaii for the mainland.

*Rhagoletis cerasi* in cherry in baggage from Germany and Yugoslavia, and in cherry in stores from Europe, France, Italy, and Sweden. *R. cerasi* (?) in apple

in baggage from the Azores; in cherry in mail from Sweden; and in *Passiflora* sp. in baggage from the Azores.

*Xanthogramma calopus* with chinkerichee in cargo from the Union of South Africa.

Interceptions of airborne plant pathogens not believed to be established in the United States or of limited distribution were:

*Cercospora kalmiae* on mountain laurel leaves in quarters from England and the Netherlands.

*Guignardia traversi* on *Dendrobium forbesii* and *Coelogyne* sp., orchids, in cargo from New Guinea.

*Micropeltis bakeri* on an orchid plant in baggage from Panama.

*Mycosphaerella cattleyae* on *Cattleya bowringiana*, an orchid, in cargo from Guatemala and on *Epidendrum radicans*, an orchid, in cargo from Costa Rica.

*Mycosphaerella euryae* on *Eurya japonica* in baggage from Japan.

*Phakopsora jatrophicola* on bellyache nettlespurge in cargo from Guadeloupe.

*Phyllostictina pyriformis* on *Dendrobium forbesii*, an orchid, in cargo from New Guinea; on an orchid plant in cargo from Panama; and on *Stanhopea wardii*, an orchid, in cargo from the Canal Zone.

*Physoderma schroeteri* on *Scirpus* sp. in baggage from Portugal.

*Puccinia cannae* on *Canna* sp. leaf in baggage from Jamaica.

*Puccinia pelargonii-zonalis* on horseshoe geranium in baggage from Hawaii.

*Ramularia vallisumbrosae* on narcissus stem in baggage from England.

*Septoria selenophomoides* on *Cymbidium* sp., an orchid, in cargo from England; on *Laelia* sp., an orchid, in cargo from Brazil· and on *Odontoglossum* sp., an orchid, in cargo from Mexico.

*Sphaceloma spondiadis* on yellow mombin in baggage from the Barbados.

*Sphaceloma zorniae* on *Zornia* sp. in baggage from St. Kitts.

*Uredo anthurii* on an anthurium leaf in cargo from Panama.

*Uredo nigropuncta* on *Bletia* sp., an orchid, in baggage from the Bahamas.

*Uromyces alyxiae* on maile in baggage from Hawaii.

*Xanthomonas citri* on Mandarin orange in baggage from China, Japan, and the Philippines; on sweet orange in cargo (refused entry) and stores from Japan, and on *Citrus* sp. (peel) in stores from Japan.

*Xanthomonas* sp. (Cancrosis B) on lemon in stores from Argentina.

The following nematodes were also found in airborne material:

*Heterodera humuli* in soil with hops in cargo from Switzerland.

*Heterodera punctata* in soil with aloe plants in baggage from Finland; in soil with heather plants in mail from Scotland; and in soil with orchid plants from England.

*Heterodera rostochiensis* in soil with carnation plants in baggage and heather plants in baggage and mail from Scotland; in soil with crown of thorns plant in baggage from Denmark; in soil with amaryllis plants, in soil with carnation plants, in soil with crocus corms, in soil with lily-of-the-valley pips and in soil with shamrock plants, all in baggage, from Germany; in soil with horseradish roots in cargo from Germany; in soil with carnation and lupine plants in baggage from England; in soil with *Pelargonium* sp. plants in baggage from Ireland; and in soil with potatoes in baggage from Sweden.

## NOTES ON INSECTS INTERCEPTED

### FRUIT FLIES

The following fruit flies were intercepted:

*Anastrepha fraterculus* in grapefruit in stores from Brazil and Peru; in guava in baggage from Colombia; in orange in stores from Argentina; in orange in quarters from Argentia and Brazil; and in peach and pear in baggage from Mexico. *A. fraterculus* (?) in orange in stores from Brazil.

The Mexican fruit fly (*Anastrepha ludens*) in avocado in baggage from Mexico, in grapefruit in baggage and stores from Mexico; in mamey in stores from Mexico and in air baggage from Nicaragua; in mango in air baggage from Guatemala, Mexico, Nicaragua and Salvador; in mango in baggage, cargo, and quarters from Mexico; in orange in baggage, air baggage, cargo, quarters, stores and air stores from Mexico; in orange in air baggage from Guatemala; in peach, pear, quince, and white sapote in baggage from Mexico; and in sweet lime in baggage and quarters from Mexico.

The West Indian fruit fly (*Anastrepha mombinpraeoptans*) in guava in air baggage from Guatemala; in mango in air baggage from Brazil, Cuba, Dominican

Republic, Guatemala, Honduras, Jamaica, Mexico, Nicaragua, and Salvador; in mango in baggage from Costa Rica, Jamaica, and Mexico; in mango in cargo from Puerto Rico; in mango in stores from Cuba, Haiti, Jamaica, and Mexico; in mango in quarters from Cuba and Panama; in pear in baggage from Mexico; in purple mombin in air baggage from Cuba and Nicaragua; in quince in baggage from Mexico; in *Spondias* sp. in air baggage from Costa Rica, Nicaragua, and Salvador; in *Spondias* sp. in air cargo from Costa Rica; in yellow mombin in air mail from Guatemala; and in yellow mombin in air baggage from Guatemala, Nicaragua and Salvador.

*Anastrepha serpentina* in mamey in air baggage from Salvador; in mango in baggage from Colombia and Ecuador; in orange in stores from Brazil; in sapodilla in baggage from Mexico; in sapodilla in air baggage from Guatemala, Nicaragua, and Salvador; and in sapote in baggage from Salvador.

*Anastrepha striata* in guava in baggage from Costa Rica and Mexico.

*Anastrepha suspensa* in guava in quarters from Puerto Rico.

The Mediterranean fruit fly (*Ceratitis capitata*) in apple in baggage from Italy; in apple in air stores from the Azores; in apricot in air stores from an unknown origin; in coffee berry in baggage and mail from Hawaii; in coffee berry in air baggage from Brazil and Hawaii; in fig in air air baggage from the Azores and Italy; in grapefruit in quarters from Egypt; in grapefruit in stores from Egypt, Israel, and Spain; in loquat in baggage from Portugal; in Mandarin orange in baggage and stores from Italy; in Mandarin orange in air stores from Morocco and Portugal; in nectarine in air baggage from Italy; in orange in baggage from Israel, Italy, and Spain; in orange in air baggage from the Azores, Italy, Portugal, and Spain; in orange in air cargo from Italy; in orange in quarters from Israel and Spain; in orange in air quarters from France (?); in orange in stores from Egypt, Cyprus, Israel, Italy, Spain, Spanish Morocco, and an unknown origin; in orange in air stores from the Azores, Portugal and Spain; in peach in air baggage from France; in air stores from Italy; in pear in baggage and air baggage from Italy; in pear in air stores from the Azores; in persimmon in baggage from Italy; in pomegranate in baggage from Italy; in pomelo in baggage from Italy; in pricklypear in baggage and air baggage from Italy; and in quince in baggage from Greece and Italy. *C. capitata* (?) in apple in air stores from an unknown origin; in apricot in air stores from an unknown origin; in avocado in air baggage from Hawaii; in coffee berry in air baggage from Brazil and Hawaii; in Mandarin orange in stores from Algeria; in orange in mail from Cyprus; in orange in quarters from Spanish Morocco; in orange in stores from Portugal; in pepper in stores from Angola; and in *Passiflora* sp. in air baggage from Portugal.

The melon fly (*Dacus cucurbitae*) in cucumber in cargo and stores from Hawaii and in tomato in stores from Hawaii. *D. cucurbitae* (?) in cucumber and tomato in stores from Hawaii.

The oriental fruit fly (*Dacus dorsalis*) in airplane from Hawaii; in banana in baggage from Hawaii; in seed pulp of *Calophyllum inophyllum* in mail from Hawaii; in coffee berries in air baggage and mail from Hawaii; in guava in mail from Guam; in mango in baggage, mail, and quarters from Hawaii; in mountain apple in air baggage from Hawaii; an adult on an orchid plant in air baggage from Hawaii; in fruit of *Terminalia* sp. in air baggage from Hawaii; and in ti berries in air baggage from Hawaii. *D. dorsalis* (?) in Arabian coffee berries in air baggage from Hawaii and in coffee berries in mail from Hawaii.

The olive fruit fly (*Dacus oleae*) in olive in baggage and air baggage from Italy and in olive in air baggage from Greece and Lebanon. *D. oleae* (?) in olive in air baggage from Italy.

Possibly *Dacus tryonii* (Queensland fruitfly) in pear in air stores from Australia.

*Rhagoletis cerasi* in cherry in air baggage from Germany and Yugoslavia and in cherry in air stores from Europe, France, Italy, and Sweden. *R. cerasi* (?) in apple in air baggage from the Azores; in cherry in air mail from Sweden; and in fruit of *Passiflora* sp. in air baggage from the Azores.

The apple maggot (*Rhagoletis pomonella*) in apple in baggage from Mexico.

### INSECTS OTHER THAN FRUIT FLIES

A bulb mite, *Aceria tulipae*, on garlic in cargo from Lebanon, in garlic in stores from India.

The citrus blackfly (*Aleurocanthus woglumi*) on leaves of *Citrus* sp. in air baggage, baggage, and stores from Mexico; on leaf of calamondin orange in baggage from

Mexico; on lime leaf in cargo from Mexico; on orange leaves in mail and stores from Mexico; and on leaves of sour lime in baggae and cargo from Mexico.

A coccid, *Aspidiotus hedericola*, on ivy in baggage from Italy.

*Baris lepidii* (Curculionidae) in horseradish in cargo from Germany.

A bruchid, *Callosobruchus marshalli*, in cowpea seed in mail from Kenya, Africa and the Union of South Africa.

An adult of *Chrysopera combinans* (Phalaenidae), "neither genus or species represented in the National Museum collection," on an airplane from Kwajalein.

A cossid, *Dyspessa ulula*, in garlic in cargo from Italy.

*Hylemya floralis* (Muscidae) in horseradish roots in cargo from Sweden.

A curculionid, *Hypera brunneipennis*, with cotton samples in cargo from Mexico, with garlic in cargo from Egypt.

Apparently *Icerya aegyptiaca* (Coccidae) on an orchid plant in cargo from Mexico. "Have no previous record of this from Mexico or apparently from the new world."

*Kalotermes flavicollis* (Kalotermitidae), a vineyard and fruit tree pest, on quince in baggage from Italy.

A curculionid, *Naupactus xanthographus*, in grape in cargo from Chile.

*Pheidole megacephala*, "a very important economic species of ant," with *Bulbophyllum* sp. in cargo from New Guinea; on petioles of *Caryota* sp. in baggage from Cuba; with fruit of *Lansium* sp. in air baggage from the Philippines; with orchid plants in air mail from the Canal Zone and Honduras; in soil on roots of an unknown plant in air baggage from Bermuda; in soil with banana rhizomes in air baggage from Bermuda; and with St. Augustine grass in air baggage fromBermuda.

*Phloeotribus scarabaeoides* (Scolytidae) with olive cuttings in baggage from Italy.

A syrphid, *Xanthogramma calopus*, new to the National Museum collection, with chinkerichee flowers in air cargo from the Union of South Africa.

*Trogoderma granarium* (khapra beetle) in floor sweepings in flour mill in Mexico, with *Hordeum* sp. seed in mail from Afghanistan; with peanuts in cargo from India; on rice bags in stores from Mexico and, with wheat in cargo from Mexico.

*Trogoderma parabile* (Dermestidae) with an unknown grain and with wheat in cargo from Mexico.

### SNAILS

The giant African snail (*Achatina fulica* Fer.) was not reported during the year but other injurious snails intercepted, not known to be in the United States and of economic importance, were:

*Bradybaena similaris* with cut flowers of *Anthurium* sp. in preflight inspection of baggage leaving Hawaii for the mainland; with cut flowers of *Anthurium* sp. in mail leaving Hawaii for the mainland; with leaves of bird-of-paradise-flower in baggage in preflight inspection of baggage leaving Hawaii for the mainland; with bird-of-paradise-flower in mail leaving Hawaii for the mainland; with cut flowers of *Vanda* sp. in cargo leaving Hawaii for the mainland; at Honolulu, Hawaii with dwarf trees in air baggage from Japan; at Mobile, Ala., with St. Augustine grass in air baggage from Bermuda; at New Orleans, La., with sweetpotatoes in stores from Brazil; at New York, N. Y., with cut flowers of lilies in baggage from Bermuda; at Philadelphia, Pa., with pumpkins in stores from Japan.

*Deroceras reticulatum* at Boston, Mass., with globe artichoke in stores from Italy; with lettuce in stores from Ireland; with turnips and beets in stores from the Union of South Africa; at Honolulu, Hawaii with lettuce in air stores from Australia; with orchid plants in air express from Costa Rica; with *Heliconia* sp. foliage in air cargo leaving Hawaii for the mainland; with ti leaves in baggage and mail leaving Hawaii for the mainland; at Miami, Fla., with orchids in air baggage from Guatemala and Jamaica; with orchid plants in air cargo from Costa Rica and Ecuador; with orchid pseudobulbs in air cargo from Venezuela; at New Orleans, La., with cabbage in stores from Italy; at New York, N. Y., with cauliflower in stores from Belgium; with escarole in stores from France; with lettuce in stores from Italy; with lettuce in air stores from Sweden; and with potatoes in air baggage from Ireland; at Philadelphia, Pa., with beets in stores from New Zealand; with carrots in stores from Chile; with celery in stores from Portugal; with cabbage in stores from England, Germany, Italy, and the Netherlands; with leek in stores from Germany; with lettuce in stores from England; and with turnips in stores from France.

*Helix nemoralis* at San Pedro, Calif., on a returned tractor from England.

*Lamellaxis gracilis* at Miami, Fla., with orchid plants in air cargo from Cuba.

*Limax marginatus* at Miami, Fla., with *Anthurium* sp. plants and orchid plants in air cargo from Costa Rica and with orchid plants in air baggage from Guatemala; at Boston, Mass. with assorted plants and soil in air baggage from Portugal; and at Philadelphia, Pa., with cabbage in stores from Germany. *L. marginatus* (?) at Honolulu, Hawaii with *Asparagus* sp. in cargo from Japan; at Philadelphia, Pa., with cabbage in stores from the Azores.

*Limax maximus* at New York, N. Y., with woody plants in baggage from England; at Philadelphia, Pa., with cabbage in stores from Norway.

*Theba pisana* at Boston, Mass., on wall of a refrigerator in stores from an unknown origin; at New York, N. Y., with globe artichoke in stores from Italy; at Washington, D. C., with lettuce in air stores from Germany. *T. pisana* (?) at Philadelphia, Pa., with lettuce in stores from the Netherlands.

## NOTES ON DISEASES INTERCEPTED

The sweet orange scab (*Elsinoe australis*) was intercepted 84 times; sixty-two of these interceptions came from Brazil on sour orange, lemon, sweet orange, satsuma orange, and sour lime; 18 from Argentina on lemon, Mandarin orange, sweet orange, and sour lime; 1 from Paraguay on sweet orange; 3 from Uruguay on sweet orange.

Citrus canker (*Xanthomonas citri*) was intercepted 104 times; 83 of these came from Japan, 13 from China, 3 from India, 2 from New Guinea, and 1 each from Indonesia, the Philippines, and an unknown origin. These interceptions were made from the following hosts: *Citrus* sp. (leaf), *Citrus* sp. (peel), grapefruit, lemon, Mandarin orange, pummelo, sour lime, sour orange, and sweet orange.

Cancrosis B (*Xanthomonas* sp.), another bacterial disease of citrus, producing symptoms similar to citrus canker, was intercepted 3 times on lemon and once on sweet orange from Argentina, and once on lemon from Brazil.

Other interceptions were:

*Anthostomella keissleri* on *Brassavola nodosa*, an orchid, in air mail from the Canal Zone and on an orchid plant in air cargo from Costa Rica.

*Cercospora kalmiae* on mountain laurel in quarters of airplanes from England, the Netherlands, and an unknown origin.

*Cercospora protearum* on *Protea* sp. leaf in air cargo from the Union of South Africa.

*Chrysomyxa ledicola* on spruce in baggage from Canada.

*Chrysomyxa ledi* var. *rhododendri* on *Rhododendron eremastum* and *R. hirsutum* in cargo from England and on rock rhododendron in air mail from Switzerland.

*Gymnosporangium haraeanum* on juniper in baggage from Japan.

*Micropeltis bakeri* on *Epidendrum* sp., an orchid, in air mail from the Canal Zone and on an orchid plant in air baggage from Panama.

*Neovossia indica*, "interesting and not in the United States," on wheat in mail from Afghanistan.

*Phakopsora jatrophicola*, "an interesting tropical rust," on bellyache nettlespurge in air cargo from Guadeloupe.

*Phomopsis orchidophilus* on *Laelia* sp., an orchid, in mail from Mexico.

*Phyllostictina pyriformis* on various orchids in air cargo from the Canal Zone, New Guinea, and Panama and on orchid in cargo from Mexico.

*Puccinia aeluropi* on stems of *Aeluropus littoralis* in mail from Afghanistan.

*Puccinia pelargonii-zonalis*, "new to the United States as far as is known," on horseshoe geranium leaf in air baggage from Hawaii.

*Puccinia poae-nemoralis* on a stem of *Poa* sp. in mail from Afghanistan.

*Puccinia scirpi*, "not reported in the United States," on *Scirpus* sp. in cargo from Italy.

A ringspot virus on watermelon in cargo from Mexico and on watermelon in stores from Spanish Morocco.

*Septoria phleina* (?) on timothy seed in mail from Afghanistan.

*Septoria selenophomoides* on various orchids in air cargo from Brazil, England, and Mexico, and on *Stanhopea* sp., an orchid, in mail from Mexico.

*Sphaceloma spondiadis* on yellow mombin in air baggage from the Barbados.

*Sphaceloma zorniae*, on *Zornia* sp. in air baggage from St. Kitts.

*Uredo oncidii* on *Oncidium varicosum*, an orchid, in mail from Brazil, and on *Oncidium* spp. in air cargo from Costa Rica, Honduras, and Trinidad.

## INCOMPLETELY DETERMINED PESTS

Pests of potential economic importance have been determined to genus only because they were either (1) a new host or distribution record, (2) immature specimens, (3) in poor condition for specific determination, or (4) there is a lack of authentic material in our collection for comparison.

### INSECTS

Among the incompletely determined insects were the following fruit flies:

*Anastrepha* sp., possibly *fraterculus* at Baltimore, Md., in orange in stores from Brazil; at Brownsville, Tex., in apple in baggage from Mexico; at Eagle Pass, Tex., in quince in baggage from Mexico; at Houston, Tex., in grapefruit in stores from Brazil; at New York, N. Y., in coffee berry in air baggage from Colombia; at Progresso, Tex. in pear in baggage from Mexico; at San Juan, P. R., in sapodilla in air baggage from Brazil.

*Anastrepha* sp., probably *ludens*, at Brownsville, Tex., in pear in baggage from Mexico; at Hidalgo, Tex., in pear in baggage from Mexico; at Houston, Tex., in orange in quarters from Mexico; at Laredo, Tex., in avocado and pear in baggage from Mexico; at Nogales, Ariz., in mango in baggage from Mexico; at San Pedro, Calif., in sapote (*Calocarpum sapota*) in air baggage from Mexico; at San Ysidro, Calif., in mango in baggage from Mexico.

*Anastrepha* sp., probably *mombinpraeoptans*, at Brownsville, Tex., in mamey in cargo from Mexico; in mango in baggage from Mexico; and in mango in air baggage from Nicaragua; at Galveston, Tex., in pomegranate in quarters from Cuba; at Laredo, Tex., in orange and guava in baggage from Mexico; at New Orleans, La., in yellow mombin in air baggage from Salvador; at New York, N. Y., in mango in air baggage from Colombia; at Philadelphia, Pa., in grapefruit in stores from Trinidad; at Christiansted, St. Croix in guava-berry (*Eugenia floribunda*) in cargo from Tortola; at San Antonio, Tex., in orange in air baggage from Mexico; at San Pedro, Calif., in orange in air baggage from Guatemala.

*Anastrepha* sp., probably *serpentina*, at Brownsville, Tex., in mamey in baggage from Mexico; at Progresso, Tex., in quince in baggage from Mexico.

*Anastrepha* sp., probably *striata*, at Nogales, Ariz., in guava in baggage from Mexico.

*Anastrepha* sp. at Baltimore, Md., in orange in stores from Brazil; at Brownsville, Tex., in Mandarin orange in air baggage from Brazil; at Charleston, S. C., in orange in stores from Cuba; at Eagle Pass, Tex., in garbage can for seized fruits from Mexico; at El Paso, Tex., in mango in air baggage from Mexico; at Houston, Tex., in mango in air baggage from Guatemala; at Laredo, Tex., in apple in baggage from Mexico; at Miami, Fla., in coffee berries in air baggage from Brazil; in Mandarin orange in air baggage from Argentina; in mango in air baggage from Colombia, Honduras, and Peru; and in orange in air baggage and air stores from Colombia; at New York, N. Y., in plum in air baggage from Venezuela; at Nogales, Ariz., in mango in baggage from Mexico; at Roma, Tex., in pear in baggage from Mexico; at Charlotte Amalie, St. Thomas in mango in cargo from Dominica; at San Pedro, Calif., in coco-plum in baggage from Nicaragua.

*Dacus* sp., at Honolulu, Hawaii in *Syzygium cumini* in air baggage from the Philippines.

*Rhagoletis* sp., probably *juglandis* Cress. in black walnut in baggage from Mexico.

*Rhagoletis* sp. at Washington, D. C., with rose hips in mail from Afghanistan.

Forty interceptions, identified to family only, Tephritidae, were intercepted at the following ports: National Airport, Arlington, Va., in orange in passenger's baggage thought to be from Italy; at Boston, Mass., in bag containing apples, apricots, and cherries in air stores from an unknown origin; in cherry in air stores from an unknown origin; in chili pepper in stores from Natal, South Africa; in cucumber in stores from French West Africa; in grapefruit in stores from Argentina; and in orange in baggage from an unknown origin; at Brownsville, Tex., in mango in baggage from Mexico; at Honolulu, Hawaii in *Eugenia malaccensis* in

air stores from the Philippines; in peach in air stores from Australia; in pepper in air baggage from Thailand; and in santol in air baggage from the Philippines; at Houston, Tex., in apple in air cargo from Peru and in grapefruit and orange in stores from Brazil; at New York, N. Y., in apricot in cargo from the Union of South Africa; in grape in cargo from Argentina and the Union of South Africa; in lemon in baggage from Italy; in orange in baggage from the Union of South Africa; in peach in cargo from the Union of South Africa; and with cut flowers of zinnias in baggage from Bermuda; at Philadelphia, Pa., in apple in stores from Japan; in lemon in stores from Australia; in pepper in stores from Belgian Congo; two pupae in soil around horseradish roots in stores from Germany; and in squash in stores from French West Africa; at Roma, Tex., in orange in baggage from Mexico; at San Juan, P. R., in pepper in air baggage from Trinidad; in pulp of tree seeds in air baggage from British Guiana; at Seattle, Wash., in mango in air baggage from the Philippines; at Washington, D. C., in mango in mail from Guam and in oval leaf whortleberry in mail from Japan.

Other incompletely determined insects worthy of mention were:

An aleyrodid, Aleurodicinae, new species and new genus, near *Aleurodicus*, at Laredo, Tex., on *Epidendrum* sp., an orchid, and *Laelia* sp., an orchid, in cargo from Mexico; at Brownsville, Tex., on orchid plants in cargo from Mexico; at Miami, Fla., on an orchid plant in cargo from Guatemala.

An aleyrodid, new species and new genus, near *Bellitudo*, at San Diego, Calif. on an unidentified leaf in cargo from Ecuador.

A pentatomid, *Alitocoris* sp., a new species, at Laredo, Tex., on an orchid plant in cargo from Mexico.

*Amphelasma* sp. (Chrysomelidae), new to the National Museum collection, at Laredo, Tex., on an orchid plant in cargo from Mexico.

*Aonidia* sp. (Coccidae), "a very curious insect—not described," at Washington, D. C., on mango budstick in express from Ceylon.

*Bruchidius* sp., near *cisti* (F.) (Bruchidae) at Washington, D. C., with *Astragalus* sp. seed and seed pods in mail from Afghanistan.

*Bruchidius* sp., near *orchesioides* Heyd. (Bruchidae), at Houston, Tex., with seed of *Cyamopsis tetragonoloba* from Pakistan.

*Bruchidius* sp., probably *perparvulus* (Boh.) (Bruchidae), at New York, N. Y., in *Trifolium ochroleucum* seed in cargo from Italy.

*Bruchidius* sp., possibly *stylophorus* (Daniel) (Bruchidae), at Washington, D. C., with a seed pod of *Medicago intertexta* from Sicily.

*Bruchus* sp., probably *hamatus* Miller (Bruchidae), at Washington, D. C., in legume seed in mail from Turkey; at Hoboken, N. J., in legume seed in mail from Tangier, France.

A curculionid, *Brachyrhinus* sp., at New York, between stems of a cardoon thistle plant in air baggage from Italy; on Grecian laurel foliage in furnishings from Italy; and at Washington, D. C., with seed head of *Trifolium* sp. in mail from Turkey.

*Cerococcus* sp. (Coccidae), "does not appear to agree with anything described," at Washington, D. C., on leaf and stem of black pepper in mail from Indonesia.

*Dyspessa* sp. (Cossidae) at New York, N. Y., with garlic in cargo from Morocco.

*Epicaerus* sp., probably *cognatus* Sharp (Curculionidae), at Houston, Tex., in potato in baggage and stores from Mexico.

*Epicaerus* sp. at Baltimore, Md., and Laredo, Tex., in potato in stores from Mexico; at Eagle Pass, Tex., in potato in railway car from Mexico.

A curculionid, *Eucactophagus*, a new species near *graphipterus* Champ., at Miami, Fla., on a psuedobulb of *Cycnoches ventricosum*, an orchid, in air cargo from Guatemala.

*"Eulia"* sp. (Tortricidae), probably new, at New York, N. Y., on nectarine in cargo from Chile.

*Gnorimoschema* sp., near or = *borsaniella* (Koehr.) (Gelechiidae), at Baltimore, Md., in pepper in stores from Hawaii.

*Gnorimoschema* sp., probably *ocellatella* (Boyd) (Gelechiidae), at Philadelphia, Pa., in beet in stores from Egypt and France.

*Gymnandrosoma* sp. (Olethreutidae) at Galveston, Tex., in grapefruit in stores from Trinidad, in orange in quarters from Eucador.

*Lixus* sp. (Curculinoid) at Baltimore, Md., in beet in stores from Algeria; at Philadelphia, Pa., in beet in stores from Egypt and Italy.

*Longitarsus* sp., probably *parvulus* (Payk.) (Chrysomelidae), at Hoboken, N. J., with grass packing with hop roots in mail from Belgium.

*Megacerus* sp. (Bruchidae), new to the National Museum collection, at Houston, Tex., in an unidentified pod in cargo from Ecuador.

A coccid, *Platylecanium* sp., or close—"pretty surely undescribed," at Miami, Fla., on a leaf of *Vanda* sp., an orchid, in cargo from Thailand.

A coccid, *Pseudoparlatoria* sp., "close to *noacki* Ckll. but not same and may well be undescribed," at Hoboken, N. J., on *Anthurium reticulatum* leaf in air cargo from Colombia.

*Puto* sp. (Coccidae), "does not fit any described species and consider it might be undescribed," at Honolulu, Hawaii on *Elleanthus* sp., an orchid, in air express from Costa Rica.

A curculionid, *Zeugorygma* sp., probably *orangiae* Mshl. or a new species, at Washington, D. C., with seed heads of *Digitaria tricholanoides* in mail from the Orange Free State, Union of South Africa.

A total of 1,532 incompletely determined insects of quarantine significance were recorded during the year.

### DISEASES

*Asterina* sp., apparently undescribed, at Washington, D. C., on *Shortia soldanelloides* in air express from Japan.

*Cercospora* st. at Hoboken, N. J., on a leaf of an anthurium hybrid in air express from Colombia; at Brownsville, Tex., on a leaf of *Chamaedorea* sp. in air cargo from Mexico; at Houston, Tex., on frond of *Collina elegans* (?) in air cargo from Mexico; at San Francisco, Calif., on umbrella pine in air cargo from Japan. "Unreported to the host and the United States as far as is known."

*Clypeollela* sp., probably undescribed, at Honolulu, Hawaii on *Gardenia* sp. in air baggage from Tahiti.

*Coleosporium* (?) sp., at San Francisco, Calif., on *Dendrochilum cobbianum*, an orchid, in air cargo from the Philippines.

*Cytospora* sp. at Mobile, Ala., on *Terminalia bellerica* in quarters from Trinidad—"none reported on this host as far as is known."

*Helminthosporium* sp., probably new, at Laredo, Tex., on onion in cargo from Mexico.

*Mycosphaerella* sp. at Washington, D. C., on seed of *Hyparrhenia lintonii* in mail from Kenya—"none reported on this host as far as is known."

*Pestalotia* sp. at San Francisco, Calif., on *Araucaria klinkii* seed in air cargo from New Guinea; at San Juan, P. R., on *Ixora* sp. leaf in air cargo from Trinidad—"none reported on this host as far as is known"; at San Pedro, Calif., on a philodendron leaf in air baggage from Mexico—"probably new to the host"; at Hoboken, N. J., on *Visnea mocanera* leaf in air mail from Portugal—"new for the host."

*Phyllosticta* sp. at San Francisco, Calif., on umbrella pine in air cargo from Japan—"unreported for the host and the United States as far as is known."

*Phyllostictina* sp. on a ti leaf during preflight inspection of the quarters of an airplane leaving Hawaii for the mainland; at San Francisco, Calif., on a gardenia leaf in mail from Japan—"none reported on this host as far as is known"; on a gardenia plant in preflight inspection of cargo leaving Hawaii for the mainland; at San Francisco, Calif., on umbrella pine in air cargo from Japan—"unreported for the host and the United States as far as is known."

Probably *Physalospora* sp. at Washington, D. C., on *Melica* sp. in mail from Afghanistan.

*Pyrenochaeta* sp. at San Juan, P. R., on an ixora leaf in air cargo from Trinidad—"none reported on this host as far as is known."

*Rhabdospora* sp. at San Pedro, Calif., on a ginkgo stem in mail from Japan.

*Septoria* sp. at Miami, Fla., on a camellia leaf in air baggage from Peru; at San Antonio, Tex., on an anthurium leaf in air baggage from Mexico; at Houston, Tex., on *Chamaedorea* sp. in cargo from Mexico; and at Washington, D. C., on a stem of *Puccinellia* sp. in mail from Afghanistan.

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NEMATODES

Incompletely determined nematodes worthy of mention were:

*Aphelenchoides* sp., at New York, N. Y. in *Colocasia* sp. tuber in stores from Japan.

*Heterodera* sp., probably *avenae*, at Hoboken, N. J., in soil with roots of rhododendron in mail from England; at New York, N. Y., in soil with horseradish in cargo from Germany.

*Heterodera* sp., probably *cacti*, at Laredo, Tex., in soil in baggage from Mexico.

*Heterodera* sp., probably *carotae* Jones, at Philadelphia, Pa., in soil with carrots in stores from Lebanon.

*Heterodera* sp., possibly *punctata*, at Hoboken, N. J., in soil with delphinium plants in cargo from England.

*Heterodera* sp., probably *rostochiensis*, at Nogales, Ariz., in soil with cactus in baggage from Mexico.

*Heterodera* sp., possibly *trifolii* (Goffart) Oostenbrink, at Hoboken, N. J., in soil with roses in cargo from Germany.

Other members of the genus *Heterodera* were intercepted 310 times at 20 ports from the following countries: Argentina, Australia, Austria, Azores, Belgium, Bermuda, Canada, Chile, Cuba, Czechoslovakia, Denmark, Egypt, England, Finland, France, French West Africa, Germany, Greece, Ireland, Italy, Japan, Israel, Luxembourg, Mexico, Morocco, Netherlands, New Zealand, Norway, Peru, Poland, Portugal, Scotland, Spain, Sweden, and Yugoslavia. These interceptions were made from soil samples, sand ballast, soil with army cargo, and soil with plant material in baggage, cargo, mail, and quarters; in soil with vegetables in cargo and stores; in soil with bulbs and tubers in baggage, cargo, and mail; in soil in sweepings from empty railway cars; and in soil in sweepings from railway cars carrying potatoes.

*Meloidogyne* sp. at Hoboken, N. J., in rhizomes of calla lily in cargo and mail from France and in cargo from Italy; in tubers of *Achimenes* spp., in cargo and mail from the Netherlands; in astilbe and Siberian bugloss roots in cargo from the Netherlands; in *Calla* sp. rhizomes in cargo from Italy; in kamchatka bugbane roots in cargo from the Netherlands; in roots of *Clematis* spp. in cargo from the Netherlands and in air mail from England; in Geum hybrid roots in cargo from the Netherlands; in isoloma tuber in mail from the Netherlands; in roots of Japanese iris in cargo from Japan; in a tuber of *Naegelia* sp. in cargo from the Netherlands; in peony roots in mail from England and in peony roots in cargo from the Netherlands; in shamrock roots in cargo from Ireland; in tubers of *Rechsteineria macropoda* in cargo and mail from the Netherlands; in roots of *Weigela middendorfiana* in cargo from the Netherlands; at San Diego, Calif., in begonia roots in baggage from Mexico; in celery roots in stores from Norway; in potatoes in stores from Chile and Denmark; at San Pedro, Calif., in roots of an unknown plant in baggage from Hawaii.

*Pratylenchus* sp., closely related to *minyus* Sher and Allen, at New York, N. Y., in *Colocasia* sp. tuber in stores from Japan.

*Pratylenchus* sp. at Hoboken, N. J., in roots of *Bletilla hyacinthina*, an orchid, in air mail from the Netherlands; in roots of Christmas rose in cargo and air cargo from the Netherlands; in roots of *Clematis* spp., in cargo from the Netherlands and in air mail from England; in roots of *Epipactis gigantea*, an orchid, in air mail from the Netherlands; in roots of *Helleborus* spp. in cargo from the Netherlands and in mail from England; in rhizome of Japanese iris in cargo from the Netherlands; in roots of *Iris* spp. in cargo from England; in roots of *Kniphofia* sp. in cargo from the Netherlands; in roots of solomonseal in cargo from the Netherlands; in Siberian bugloss in cargo from the Netherlands; in roots of *Trollius* spp. in cargo and air cargo from the Netherlands; and in western bleedingheart in cargo from the Netherlands.

A total of 745 incompletely determined pathogens of quarantine significance were recorded during the year.

*Summary of Numbers of Interceptions Listed in Main Table*

| Country | Insect | Disease |
|---|---|---|
| | *Number* | *Number* |
| Africa: | | |
| Afganistan | 11 | 12 |
| Africa | 0 | 1 |
| Algeria | 3 | 1 |
| Angola | 2 | 0 |
| Belgian Congo | 3 | 0 |
| Canary Islands | 2 | 1 |
| Cape Verde Islands | 2 | 0 |
| Egypt | 11 | 2 |
| Gold Coast | 2 | 0 |
| Kenya | 3 | 5 |
| Liberia | 1 | 1 |
| Madeira Islands | 2 | 0 |
| Morocco | 2 | 1 |
| Nigeria | 4 | 1 |
| Rhodesia | 2 | 1 |
| Spanish Morocco | 3 | 1 |
| Transvaal | 1 | 1 |
| Tunisia | 0 | 1 |
| Union of South Africa | 31 | 27 |
| Asia: | | |
| Asia | 1 | 0 |
| Ceylon | 2 | 1 |
| China | 7 | 64 |
| Cyprus | 2 | 0 |
| Formosa | 2 | 2 |
| India | 24 | 8 |
| Indonesia | 3 | 1 |
| Iran | 2 | 2 |
| Iraq | 3 | 0 |
| Israel | 7 | 1 |
| Japan | 134 | 210 |
| Japan (?) | 2 | 0 |
| Korea | 1 | 0 |
| Lebanon | 5 | 1 |
| Orient | 0 | 1 |
| Pakistan | 5 | 0 |
| Straits Settlements | 0 | 1 |
| Syria | 1 | 0 |
| Thailand | 5 | 0 |
| Turkey | 4 | 3 |
| Australasia: | | |
| Australia | 13 | 17 |
| Eniwetok | 2 | 0 |
| Eniwetok (?) | 1 | 0 |
| Fiji Islands | 5 | 3 |
| Guam | 11 | 1 |
| Hawaii | 353 | 8 |
| Java | 0 | 1 |
| Kwajalein | 4 | 0 |
| Midway | 2 | 0 |
| New Guinea | 1 | 5 |
| New Zealand | 1 | 3 |
| Norfolk Island | 0 | 8 |
| Okinawa | 0 | 1 |
| Philippines | 16 | 4 |
| Pitcairn Island | 0 | 1 |
| South Pacific | 1 | 0 |
| Tahiti | 2 | 0 |
| West Pacific | 1 | 0 |
| Europe: | | |
| Austria | 2 | 1 |
| Azores | 15 | 4 |
| Belgium | 15 | 5 |
| Czechoslovakia | 0 | 1 |
| Denmark | 0 | 5 |
| England | 52 | 13 |
| Europe | 1 | 0 |
| Finland | 0 | 2 |
| France | 24 | 9 |
| Germany | 26 | 29 |
| Greece | 19 | 3 |
| Ireland | 5 | 10 |
| Italy | 244 | 40 |
| Luxembourg | 0 | 1 |

| Country | Insect | Disease |
|---|---|---|
| | *Number* | *Number* |
| Europe—Continued | | |
| Malta | 1 | 0 |
| Netherlands | 56 | 30 |
| Northern Ireland | 1 | 4 |
| Norway | 3 | 2 |
| Poland | 0 | 1 |
| Portugal | 16 | 1 |
| Scotland | 9 | 11 |
| Spain | 31 | 7 |
| Sweden | 6 | 2 |
| Switzerland | 2 | 30 |
| Wales | 0 | 1 |
| Yugoslavia | 5 | 0 |
| North America: | | |
| Bermuda | 27 | 1 |
| Canada | 14 | 4 |
| Canal Zone | 71 | 7 |
| Central America: | 3 | 0 |
| British Honduras | 1 | 0 |
| Costa Rica | 22 | 7 |
| Guatemala | 31 | 1 |
| Honduras | 15 | 3 |
| Nicaragua | 17 | 0 |
| Panama | 11 | 6 |
| Salvador | 21 | 1 |
| Mexico | 638 | 135 |
| West Indies: | | |
| Anguilla | 1 | 0 |
| Antigua | 2 | 1 |
| Aruba | 2 | 0 |
| Bahamas | 5 | 2 |
| Barbados | 0 | 1 |
| Cayman Islands | 1 | 0 |
| Cuba | 43 | 2 |
| Dominica | 6 | 0 |
| Dominican Republic | 5 | 1 |
| Grenada | 2 | 0 |
| Guadeloupe | 0 | 1 |
| Haiti | 5 | 0 |
| Jamaica | 49 | 2 |
| Martinique | 1 | 2 |
| Martinique (?) | 1 | 0 |
| Montserrat | 4 | 0 |
| Puerto Rico | 9 | 5 |
| St. Kitts | 5 | 1 |
| St. Vincent | 1 | 0 |
| Tobago | 1 | 0 |
| Trinidad | 27 | 2 |
| Virgin Corda | 1 | 0 |
| South America: | | |
| Argentina | 5 | 30 |
| Brazil | 43 | 72 |
| British Guiana | 2 | 0 |
| Chile | 19 | 2 |
| Colombia | 10 | 1 |
| Ecuador | 51 | 2 |
| Paraguay | 1 | 1 |
| Peru | 9 | 4 |
| Uruguay | 0 | 3 |
| Venezuela | 12 | 0 |
| Total: | | |
| Africa | 85 | 56 |
| Asia | 210 | 295 |
| Australasia | 413 | 52 |
| Europe | 533 | 242 |
| North America | 1,042 | 185 |
| South America | 152 | 115 |
| Unknown | 21 | 5 |
| Total | 2,456 | 950 |
| Total incompletely determined pests. | 1,532 | 745 |
| Total insect interceptions | 3,988 | |
| Total disease interceptions. | | 1,695 |
| Grand total | | [1] 5,683 |

[1] This total represents only pests of known or potential plant-quarantine importance. The total of all interceptions made during the year was 18,504.

NOTE.—Interceptions were also made from Bolivia, East Africa, Ethiopia, French West Africa, Hungary, Israel, Majuro, Marshall Islands, Natal, Nevis, Palestine, Pretoria, Saipan, Saudi Arabia, Tanganyika, Tangier, Tasmania, and Tortola.

*Pests collected and reported from July 1, 1954, through June 30, 1955*

[An asterisk indicates State inspection]

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Acanthoscelides armitagei* (Pic) (Bruchidae): | | | | | |
| *Cajanus cajan* (pigeonpea) | Brazil | | | 1 | D. C. |
| *Phaseolus vulgaris* (kidney bean) | St. Vincent | 1 | | | Oreg. |
| *Acanthoscelides obvelatus* Bridw. (Bruchidae): | | | | | |
| *Phaseolus vulgaris* (kidney bean) | Mexico | | | 2 | D. C. |
| *Aceria tulipae* (Keif.) (Eriophyidae): | | | | | |
| *Allium sativum* (garlic) | India, Lebanon | 1 | 1 | | Minn., Tex. |
| *Acrolepia assectella* (Zell.) (Hyponomeutidae): | | | | | |
| *Allium porrum* (leek) | Germany, Italy | | 4 | | Pa. |
| *Adoretus sinicus* (Burm.) (Scarabaeidae): | | | | | |
| Airplane | Hawaii | | 5 | | Hawaii. |
| Baggage | do | 5 | | | Hawaii. |
| On box of foliage | do | 1 | | | Hawaii. |
| On suitcase | do | 1 | | | Hawaii. |
| Wrapping paper | do | 1 | | | Hawaii. |
| *Adoxophyes orana* (F. R.) (Tortricidae): | | | | | |
| *Lilium* sp. (lily) | Netherlands | 1 | | | N. Y. |
| *Malus sylvestris* (apple) | England | | 1 | | N. Y. |
| *Syringa* sp. (lilac) | Netherlands | 12 | | | N. Y. |
| *Agonum rugulosus* (Chap.) (Platypodidae): | | | | | |
| *Copaifera hemitomophylla* ("cativo") | Colombia | 1 | | | Ga. |
| *Agriotes limosus* (Lec.) (Elateridae): | | | | | |
| Soil around evergreens | Canada | | | 1 | N. Y. |
| *Agrotis ypsilon* (Rott.) (Phalaenidae): | | | | | |
| *Lactuca sativa* (lettuce) | Egypt | | 1 | | Pa. |
| *Aleurocanthus woglumi* Ashby (Aleyrodidae): | | | | | |
| *Citrus aurantifolia* (lime) | Mexico | 2 | | | Tex. |
| *Citrus aurantifolia* (sour lime) | do | 2 | | | Ariz., Tex. |
| *Citrus mitis* (calamondin orange) | do | 1 | | | Ariz. |
| *Citrus sinensis* (orange) | do | 1 | 1 | | Tex. |
| *Citrus* sp. | do | 7 | 1 | | Ariz., Tex. |
| Soil | do | | | 1 | Ariz. |
| *Aleuroparadoxus gardeniae* Rsl. (Aleyrodidae): | | | | | |
| *Coffea* sp. (coffee) | do | 1 | | | Tex. |
| *Gardenia augusta* (gardenia) | do | 1 | | | Calif.* |
| *Aleuroplatus cococolus* Q. (Aleyrodidae): | | | | | |
| *Chamaedorea* sp. | do | 1 | | | Tex. |
| *Aleuroplatus plumosus* (Q.) (Aleyrodidae): | | | | | |
| *Kalmia* sp. | England | | 2 | | Mass. |
| *Aleurothrixus floccosus* (Mask.) (Aleyrodidae): | | | | | |
| *Citrus sinensis* (orange) | Dominican Republic | 1 | | | P. R. |
| *Citrus* sp., probably *limon* (lemon) | Mexico | 1 | | | Tex. |
| *Citrus* sp. | Argentina, Mexico | 1 | 1 | | Fla.*, Tex. |
| *Aleurotuberculatus similis* Takah. (Aleyrodidae): | | | | | |
| *Camellia japonica* (camellia) | Japan | | | 1 | D. C. |
| *Aleyrodes azalea* Baker & Moles (Aleyrodidae): | | | | | |
| *Rhododendron mucronatum* | do | | | 1 | N. J. |
| *Rhododendron obtusum japonicum* | do | | | 1 | N. J. |
| *Rhododendron* sp. | Belgium | | | 1 | N. J. |
| *Algarobius prosopis* (Lec.) (Bruchidae): | | | | | |
| Airplane | Hawaii | | 3 | | Hawaii. |
| *Allantus cinctus* (L.) (Tenthredinidae): | | | | | |
| *Kerria japonica pleniflora* | Netherlands | | | 1 | N. J. |
| *Malus sylvestris* (apple) | Canada | 1 | | | N. Y. |
| *Rosa multiflora* (Japanese rose) | Netherlands | | | 2 | N. J. |
| *Alpheias conspirata* Hein (Gallerliidae): | | | | | |
| *Ananas comosus* (pineapple) | Mexico | 3 | | | Tex. |
| *Amorbia emigratella* Busck (Tortricidae): | | | | | |
| *Armeria* sp. (statice) | do | 1 | | | Tex. |
| Bromeliad | do | | | 1 | Ariz. |
| *Gardenia* sp. | Hawaii | 1 | | | Calif.* |
| *Gladiolus* sp. | Mexico | 3 | | | N. Y., Tex. |
| *Lycopersicon esculentum* (tomato) | do | 1 | | | Tex. |
| *Amorbia emigratella* Busck (?) (Tortricidae): | | | | | |
| *Zantedeschia aethiopica* (calla lily) | do | 1 | | | Tex. |
| *Anastrepha fraterculus* (Wied.) (Tephritidae): | | | | | |
| *Citrus paradisi* (grapefruit) | Brazil, Peru | | 2 | | Pa., Tex. |
| *Citrus sinensis* (orange) | Argentina, Brazil | | 3 | | La., Tex. |
| *Prunus persica* (peach) | Mexico | 3 | | | Tex. |
| *Psidium guajava* (guava) | Colombia | 1 | | | Fla.* |
| *Pyrus communis* (pear) | Mexico | 3 | | | Tex. |

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

[An asterisk indicates State inspection]

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Anastrepha fraterculus* (Wied.) (?) (Tephritidae): | | | | | |
| *Citrus sinensis* (orange) | Brazil | | 1 | | Mass. |
| *Anastrepha ludens* (Loew) (Tephritidae): | | | | | |
| *Casimiroa edulis* (white sapote) | Mexico | 1 | | | Tex. |
| *Citrus aurantifolia* (sweet lime) | do | 8 | 1 | | Ariz., Tex. |
| *Citrus paradisi* (grapefruit) | do | 13 | 1 | | Calif.*, Tex. |
| *Citrus sinensis* (orange) | Guatemala, Mexico | 77 | 26 | | Ala., Ariz., La., N. Y., Tex. |
| *Cydonia oblonga* (quince) | Mexico | 5 | | | Tex. |
| *Mammea americana* (mamey) | Mexico, Nicaragua | 1 | 1 | | Tex. |
| *Mangifera indica* (mango) | Guatemala, Mexico, Nicaragua, Salvador | 64 | 2 | | Ariz., Calif., Calif.*, La., Tex. |
| *Persea americana* (avocado) | Mexico | 1 | | | Tex. |
| *Prunus persica* (peach) | do | 2 | | | Tex. |
| *Pyrus communis* (pear) | do | 7 | | | Ariz., Tex. |
| *Anastrepha mombinpraeoptans* Sein (Tephritidae): | | | | | |
| *Mangifera indica* (mango) | Brazil, Costa Rica, Cuba, Dominican Republic, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Puerto Rico, Salvador | 71 | 6 | | Calif., Calif.*, Fla.*, La., N. J., N. Y., P. R., Tex. |
| *Psidium guajava* (guava) | Guatemala | 1 | | | La. |
| *Pyrus communis* (pear) | Mexico | 1 | | | Tex. |
| *Spondias mombin* (yellow mombin) | Guatemala, Nicaragua, Salvador. | 11 | | | Calif.*, La., Tex. |
| *Spondias purpurea* (purple mombin) | Cuba, Nicaragua | 2 | | | Calif.*, Fla.* |
| *Spondias* sp. (mombin) | Costa Rica, Nicaragua, Salvador. | 3 | | 1 | Fla., Fla.*, Tex. |
| *Anastrepha serpentina* (Wied.) (Tephritidae): | | | | | |
| *Achras zapota* (sapodilla) | Guatemala, Mexico, Nicaragua, Salvador. | 5 | | | Calif.*, La., Tex. |
| *Citrus sinensis* (orange) | Brazil | | 1 | | Pa. |
| *Mammea americana* (mamey) | Salvador | 1 | | | Tex. |
| *Mangifera indica* (mango) | Colombia, Ecuador | 2 | | | Fla.*, La. |
| Sapote | Salvador | 1 | | | Tex. |
| *Anastrepha striata* Schin. (Tephritidae): | | | | | |
| *Psidium guajava (guava)* | Costa Rica, Mexico | 6 | | | Ariz., Tex. |
| *Anastrepha suspensa* (Loew) (Tephritidae): | | | | | |
| *Psidium guajava* (guava) | Puerto Rico | | 1 | | Ga. |
| *Ancylostomia stercorea* (Zell.) (Phycitidae): | | | | | |
| *Cajanus cajan* (pigeonpea) | Anguilla, Canal Zone, Dominican Republic, Montserrat, St. Kitts. | 7 | | | D. C., N. Y., St. Croix, St. Thomas & St. John. |
| *Antonina graminis* (Mask.) (Coccidae): | | | | | |
| *Stenotaphrum secundatum* (St. Augustine grass) | Bermuda | | | 1 | Ala. |
| *Anuraphis cardui* (L.) (Aphidae): | | | | | |
| *Cynara scolymus* (globe artichoke) | Greece, Italy | | 2 | | Ga., Pa. |
| *Anuraphis tulipae* (Fonsc.) (Aphidae): | | | | | |
| *Gladiolus* sp. | Netherlands | | | 1 | N. Y. |
| *Iris alata* | England | | | 1 | N. J. |
| *Iris korolkowi* | do | | | 1 | N. J. |
| *Iris stolonifera* | Netherlands | | | 1 | N. J. |
| *Iris sp.* | England | | | 4 | N. J. |
| *Tulipa* sp. (tulip) | Belgium, Netherlands | 1 | | 3 | La., Pa., Tex. |
| *Aonidiella comperi* McKenzie (Coccidae): | | | | | |
| *Citrus aurantifolia* (lime) | Dominica | 1 | | | St. Thomas & St. John |
| *Aonidiella inornata* McKenzie (Coccidae): | | | | | |
| *Cannabis sativa* (hemp) | Japan | | 1 | | Wash. |
| *Citrus paradisi* (pomelo) | China | 1 | | | Hawaii. |
| *Cocos nucifera* (coconut) | Guam | 1 | | | Hawaii. |
| Palm | Japan | | 1 | | Calif.* |

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

[An asterisk indicates State inspection]

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Aonidiella marginipora* McKenzie (Coccidae): | | | | | |
| Orchid | Japan | | | 1 | Calif.* |
| *Aphis citricidus* (Kirk.) (Aphidae): | | | | | |
| Airplane | Hawaii | | 1 | | Hawaii. |
| *Apion pomonae* F. (Curculionidae): | | | | | |
| *Vicia sativa* (vetch) | Portugal | 1 | | | Va. |
| *Araecerus vieillardi* Montrz. (Anthribidae): | | | | | |
| *Operculina tuberosa* (wood-rose) | Hawaii | 2 | | | Hawaii. |
| *Arcle caerulera* (Guen.) (Phalaenidae): | | | | | |
| Airplane | Japan, Midway (?) | | 2 | | Hawaii. |
| *Ardis sulcata* (Cam.) (Tenthredinidae): | | | | | |
| *Rosa* sp | Germany | 1 | | | Ill. |
| *Argyresthia conjugella* (Zell.) (Hyponomeutidae): | | | | | |
| *Malus sylvestris* (apple) | Germany, Norway | 1 | 1 | | N. Y. |
| *Arion ater* L. (Mollusca): | | | | | |
| *Rhododendron* sp | Ireland | | | 1 | N. Y. |
| *Aspidiotus australiensis* Kuw. (Coccidae): | | | | | |
| *Dendrobium tofftii* (orchid) | Australia | | | 1 | Hawaii. |
| *Aspidiotus degeneratus* (Leon.) (Coccidae): | | | | | |
| *Camellia* sp | Japan | | | 1 | N. J. |
| *Aspidiotus destructor* Sign. (Coccidae): | | | | | |
| *Annona squamosa* (sugar-apple) | Cayman Islands | | 1 | | Fla.* |
| *Cocos nucifera* (coconut) | Canal Zone | 1 | | | Calif.* |
| Leaf—unknown | Panama | 1 | | | Fla.* |
| *Licuala grandis* | Cuba | | | 1 | Fla. |
| Palm | Mexico | 1 | | | Tex. |
| *Aspidiotus diffinis* Newst. (Coccidae): | | | | | |
| *Persea americana* (avocado) | do | | | 1 | Tex. |
| *Aspidiotus hedericola* Ldgr. (Coccidae): | | | | | |
| *Hedera* sp. (ivy) | Italy | | | 1 | N. Y. |
| *Aspidiotus herculeanus* Ckll. & Hadd. (Coccidae): | | | | | |
| *Cochlospermum vitifolium* | Puerto Rico | | | 1 | D. C. |
| *Aspidiotus palmae* Ckll. (Coccidae): | | | | | |
| *Areca cathecu* (betel palm) | Phillippines | 1 | | | Hawaii. |
| *Eugenia caryophyllata* | Fiji | | | 1 | Hawaii. |
| *Aspidiotus pyri* Licht. (Coccidae): | | | | | |
| *Malus sylvestris* (apple) | Germany | 1 | | | N. Y. |
| *Asterobemisia carpini* (Koch) (Aleyrodidae): | | | | | |
| *Rubus* sp | France | | 1 | | N. Y. |
| *Asterolecanium bambusae* (Bdv.) (Coccidae): | | | | | |
| Bamboo | Mexico | | | 1 | Tex. |
| *Asterolecanium epidendri* (Bouche) (Coccidae): | | | | | |
| Bamboo | do | | | 1 | Tex. |
| *Cattleya granulosa* (orchid) | Brazil | | | 1 | Calif.* |
| *Cattleya* sp | Costa Rica | | | 1 | Fla. |
| *Cymbidium sinense* (orchid) | India | | | 1 | N. J. |
| *Epidendrum* sp | Cuba | | | 1 | Fla. |
| *Miltonia regenellii* (orchid) | Brazil | | | 1 | Calif.* |
| *Oncidium* sp. (orchid) | Jamaica | | | 2 | Fla. |
| Orchid | Brazil, Canal Zone, Jamaica, Tobago. | | | 7 | Calif.*, Fla |
| *Asterolecanium miliaris robustrum* Green (?) (Coccidae): | | | | | |
| Bamboo | St. Kitts | 1 | | | Mass. |
| *Asterolecanium pustulans* (Ckll.) (Coccidae): | | | | | |
| *Hibiscus* sp | Hawaii | | | 1 | Hawaii. |
| *Jasminum* sp. (jasmine) | Mexico | | | 1 | Ariz. |
| *Pachira fastuosa* (apompo pachira) | Puerto Rico | | | 1 | D. C. |
| *Theobroma cacao* (cacao bean) | Grenada | 1 | | | Fla.* |
| Unidentified leaf | Guam | 1 | | | Calif.* |
| *Athous haemorrhoidalis* (F.) (?) (Elateridae): | | | | | |
| Soil around plants | Canada | | | 1 | N. Y. |
| *Atractomorpha ambigua* Bol. (Acrididae): | | | | | |
| *Cordyline terminalis* (ti) | Hawaii | 1 | | | Hawaii. |
| *Aufeius impressicolis* Stal (Coreidae): | | | | | |
| Airplane | Mexico | | 1 | | Tex. |
| Orchid | do | | | 2 | Tex. |

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

[An asterisk indicates State inspection]

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Aulacaspis mangiferae* Newst. (Coccidae): | | | | | |
| *Mangifera indica* (mango) | Brazil, Guatemala, Philippines, Salvador, Venezuela. | 5 | 3 | ---- | Calif.*, Fla.*, Hawaii, Pa., Tex. |
| *Aulacoscelis melanocera* Dup. & Chevr. (Chrysomelidae): | | | | | |
| Cycad | Mexico | ---- | ---- | 1 | Tex. |
| *Autoserica castanea* Arrow (Scarabaeidae): | | | | | |
| Airplane | Japan (?) | ---- | 1 | ---- | Hawaii. |
| *Barathra brassicae* (L.) (Phalaenidae): | | | | | |
| *Brassica oleracea botrytis* (cauliflower) | France | ---- | 1 | ---- | N. Y. |
| *Brassica oleracea capitata* (cabbage) | Belgium, Italy, Netherlands. | ---- | 3 | ---- | Ga., N. Y. |
| Herb | England | ---- | ---- | 1 | N. Y. |
| *Baris lepidii* Germ. (Curculionidae): | | | | | |
| *Armoracia rusticana* (horseradish) | Germany | 2 | ---- | ---- | Md., N. Y. |
| *Bemisia inconspicua* (Q.) (Aleyrodidae): | | | | | |
| Leaf—unidentified | Ecuador | 1 | ---- | ---- | Calif.* |
| Soil with curly escarol | Spain | ---- | 1 | ---- | Mass. |
| *Bephrata maculicollis* Cam. (Eurytomidae): | | | | | |
| *Annona muricata* (soursop) | Brazil | 1 | ---- | ---- | P. R. |
| *Blissus diplopterus* Dist. (Lygaeidae): | | | | | |
| *Prunus armeniaca* (apricot) | Union of South Africa | 4 | ---- | ---- | N. Y. |
| *Bolbocoris variolosus* (Germar) (Pentatomidae): | | | | | |
| *Panicum* sp | Transvaal | ---- | ---- | 1 | D. C. |
| *Brachycerus albidentatus* Gyll. (Curculionidae): | | | | | |
| *Allium sativum* (garlic) | Italy | 3 | ---- | ---- | La., P. R. |
| *Brachycerus algirus* F. (Curculionidae): | | | | | |
| *Allium sativum* (garlic) | Italy, Spain | 10 | 2 | ---- | Mass., N. Y., P. R., Tex. |
| *Brachyrhinus ovatus* (L.) (Curculionidae): | | | | | |
| Herb | Canada | ---- | ---- | 1 | Minn. |
| *Vicia faba* (broadbean) | do | 1 | ---- | ---- | Mich. |
| *Brachyrhinus porcatus* (Hbst.) (Curculionidae): | | | | | |
| Soil with pansies | Germany | ---- | ---- | 1 | Mass. |
| *Brachyrhinus rugosostriatus* (Goeze) (Curculionidae): | | | | | |
| *Cedrus* sp. (cedar) | Canada | 1 | ---- | ---- | N. Y. |
| *Brachyrhinus sulcatus* (F.) (Curculionidae): | | | | | |
| *Calluna vulgaris* (heather) | England | 1 | ---- | ---- | Ill. |
| *Bradybaena similaris* (Fer.) (Mollusca): | | | | | |
| *Anthurium* sp | Hawaii | 3 | ---- | ---- | Hawaii. |
| *Cucurbita pepo* (pumpkin) | Japan | ---- | 1 | ---- | Pa. |
| *Ipomoea batatas* (sweetpotato) | Brazil | ---- | 1 | ---- | La. |
| *Lilium* sp. (lily) | Bermuda | 1 | ---- | ---- | N. Y. |
| *Stenotaphrum secundatum* (St. Augustine grass) | do | ---- | ---- | 1 | Ala. |
| *Strelitzia reginae* (bird-of-paradise-flower) | Hawaii | 2 | ---- | ---- | Hawaii. |
| Tree—dwarf | Japan | ---- | ---- | 1 | Hawaii. |
| *Vanda* sp. (orchid) | Hawaii | 30 | ---- | ---- | Hawaii. |
| *Brevipalpus australis* (Tucker) (Tenuipalpidae): | | | | | |
| *Citrus limon* (lemon) | Italy | ---- | 1 | ---- | Pa. |
| *Brevipalpus phoenicis* (Geijskes) (Tenuipalpidae): | | | | | |
| *Citrus limon* (lemon) | do | ---- | 1 | ---- | Pa. |
| *Citrus* sp | India, Tahiti | ---- | ---- | 2 | D. C. |
| *Cycnoches* sp. (orchid) | Canal Zone | ---- | ---- | 1 | Fla. |
| *Hibiscus* sp | Mexico | ---- | ---- | 1 | Tex. |
| *Bromeliaemiris puncticollis* Hsiao (Miridae): | | | | | |
| *Dendrobium* sp. (orchid) | Australia | ---- | ---- | 1 | Hawaii. |
| *Bruchidius gilvus* (Gyll.) (Bruchidae): | | | | | |
| *Cynoglossum* sp | Italy | ---- | ---- | 1 | Mass. |
| *Bruchophagus onobrychidis* (Nik.) (Eurytomidae): | | | | | |
| *Onobrychis viciaefolia* (sainfoin) | Turkey | ---- | ---- | 1 | D. C. |
| *Onobrychis* sp | do | ---- | ---- | 1 | D. C. |
| *Bruchus azoricus* Cr. (?) (Bruchidae): | | | | | |
| *Lathyrus* sp | Azores | ---- | ---- | 1 | Mass. |
| *Bruchus brachialis* Fahr. (Bruchidae): | | | | | |
| *Vicia ervilia* (bitter vetch) | Afghanistan | ---- | ---- | 1 | D. C. |
| *Vicia pannonica* (Hungarian vetch) | Belgium | ---- | ---- | 1 | D. C. |
| *Vicia sativa* (vetch) | France | ---- | ---- | 1 | D. C. |
| *Vicia villosa* (hairy vetch) | Canada | ---- | ---- | 1 | N. Y. |

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|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Bruchus ervi* Froh. (Bruchidae): | | | | | |
| *Lens culinaris* (lentil) | Greece, Italy, Lebanon, Syria. | 5 | | | N. Y. |
| *Bruchus guttalis* Rey (Bruchidae): | | | | | |
| *Vicia sativa* (vetch) | France | 1 | | | Mass. |
| *Bruchus lentis* Froel. (Bruchidae): | | | | | |
| *Lens culinaris* (lentil) | Afghanistan, France, Greece, Iran, Morocco. | | 3 | 3 | D. C., N. Y., Tex. |
| *Bruchus luteicornis* Ill. (Bruchidae): | | | | | |
| *Vicia sativa* (vetch) | France | 2 | | | Mass. |
| *Bruchus signaticornis* Gyll. (Bruchidae): | | | | | |
| *Lens culinaris* (lentil) | Italy | 1 | | | N. Y. |
| *Bruchus tristiculus* Fahr. (Bruchidae): | | | | | |
| *Lathyrus sativus* (grass pea) | do | 1 | | | N. Y. |
| *Bruchus tristis* Boh. (Bruchidae): | | | | | |
| *Lathyrus cicera* | Iran | | | 1 | D. C. |
| *Lathyrus sativus* (grass pea) | Bermuda, Italy, Unknown. | 3 | | 3 | Mass., N. Y. |
| *Lathyrus* sp | Italy | 3 | | | N. Y. |
| *Vicia ervilia* (bitter vetch) | Lebanon | | | 1 | N. J. |
| *Vicia sativa* (vetch) | Italy | 1 | | | N. Y. |
| *Bruchus ulicis* Muls. (Bruchidae): | | | | | |
| *Vicia ervilia* (bitter vetch) | Afghanistan | | | 4 | D. C. |
| *Cacographis osteolalis* Led. (Schoenobiidae): | | | | | |
| *Colocasia* sp | Mexico | | | 1 | Tex. |
| *Cactophagus validirostris* (Gyll.) (Curculionidae): | | | | | |
| *Philodendron* sp | do | | | 1 | Tex. |
| *Calligrapha diversa* Stal (Chrysomelidae): | | | | | |
| Orchid | do | | | 1 | Tex. |
| *Callosobruchus analis* (F.) (Bruchidae): | | | | | |
| Bird feed | Japan | 1 | | | Hawaii. |
| *Glycine max* (soybean) | Indonesia, Japan | 1 | 2 | | N. Y., Va. |
| Grain—mixed | India | 1 | 1 | | Ga. |
| *Phaseolus aureus* | Afghanistan | | | 1 | D. C. |
| *Piptadenia peregrina* | Brazil | 1 | | | D. C. |
| *Callosobruchus maculatus* (F.) (Bruchidae): | | | | | |
| Bean | Greece, Italy | 2 | | | Ill., N. Y. |
| *Cajanus cajan* (pigeonpea) | Philippines, Trinidad | 1 | 1 | | Fla.*, N. Y. |
| *Cicer arietinum* (chickpea) | Brazil, Pakistan | | 1 | 1 | D. C., Pa. |
| *Dolichos lablab* (hyacinth-bean) | Italy | 1 | | | N. Y. |
| *Dolichos* sp | Cape Verde Islands | 1 | | | Mass. |
| Legume seed | Nigeria, Pakistan | 1 | | 1 | D. C., N. J. |
| *Phaseolus aureus* (mung bean) | Iraq, Japan | 2 | 1 | | La., N. Y., Tex. |
| *Phaseolus mungo* (mungo bean) | England | | | 1 | D. C. |
| *Vigna sinensis* (cowpea) | China, Kenya | 1 | | 1 | D. C., Mass. |
| *Voandezia subterranea* (Congo goober) | Nigeria | | | 1 | Mass. |
| *Callosobruchus marshalli* (Pic) (Bruchidae): | | | | | |
| *Vigna sinensis* (cowpea) | Kenya, Union of South Africa. | | | 2 | D. C. |
| *Callosobruchus phaseoli* (Boh.) (Bruchidae): | | | | | |
| *Cajanus cajan* (pigeonpea) | Grenada | 1 | | | N. Y. |
| *Cynodon dactylon* (Bermuda grass) | Kenya | | | 1 | D. C. |
| *Capaneus tetricus* Stal (Coreidae): | | | | | |
| Orchid | Mexico | | | 2 | Tex. |
| *Capitophorus chrysanthemi* Theob. (Aphidae): | | | | | |
| *Chrysanthemum* sp | Greece | | | 1 | Mich. |
| *Carbula damalis* Kirk. (Pentatomidae): | | | | | |
| *Heteropogon* sp | Rhodesia | | | 1 | D. C. |
| *Carbula litigatrix* Kirk. (Pentatomidae): | | | | | |
| *Vitis* sp. (grape) | Union of South Africa | 1 | | | N. Y. |
| *Carposina sasakii* Mats. (Carposinidae) | | | | | |
| *Malus sylvestris* (apple) | Japan | 1 | 5 | | Hawaii, N. Y., Pa |
| *Prunus persica* (peach) | do | 1 | | | Wash. |
| *Caryedon fuscus* (Goeze) (Bruchidae): | | | | | |
| *Acacia scorpioides* | India | | | 1 | D. C. |
| *Arachis hypogaea* (peanut) | Cape Verde Islands | | 1 | | Mass. |
| *Cassia* sp | Hawaii | 4 | | | Hawaii. |

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| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Caryedon fuscus*—Continued | | | | | |
| *Copernicia alba* | Paraguay | | | 1 | Fla. |
| *Tamarindus indica* (tamarind) | Philippines | 1 | | | Ill. |
| *Cassida circumdata* Hbst. (Chrysomelidae): Airplane | Guam (?) | | 2 | | Hawaii. |
| *Caulophilus latinasus* Say (Curculionidae): Orchid | Mexico | | | 1 | Tex. |
| *Persea americana* (avocado) | do | | | 1 | Tex. |
| *Ceratitis capitata* (Wied.) (Tephritidae): *Citrus paradisi* (grapefruit) | Egypt, Israel, Spain | | 6 | | Fla.*, N. Y., Pa., Tex. |
| *Citrus paradisi* (pomelo) | Italy | 1 | | | N. Y. |
| *Citrus reticulata* (Mandarin orange) | Italy, Morocco, Portugal | 3 | 3 | | Mass., N. Y., Pa. |
| *Citrus sinensis* (orange) | Azores, Cyprus, Egypt, France (?), Israel, Italy, Malta, Portugal, Spain, Spanish Morocco, unknown. | 17 | 25 | | Ala., Fla.*, Ill., La., Mass., N. Y., Pa., Tex., Va. |
| *Coffea* sp. (coffee) | Brazil, Hawaii | 12 | | | Calif.*, Hawaii, La. |
| *Cydonia oblonga* (quince) | Greece, Italy | 8 | | | N. Y. |
| *Diospyros* sp. (persimmon) | Italy | 1 | | | N. Y. |
| *Eriobotrya japonica* (loquat) | Portugal | 1 | | | Mass. |
| *Ficus carica* (fig) | Azores, Italy | 3 | | | Mass. |
| *Malus sylvestris* (apple) | do | 1 | 1 | | Mass., N. Y. |
| *Opuntia humifusa* (pricklypear) | Italy | 12 | | | Mass., N. Y. |
| *Prunus armeniaca* (apricot) | Unknown | | 1 | | N. Y. |
| *Prunus persica* (peach) | France, Italy | 1 | 1 | | Mass. |
| *Prunus persica nectarina* (nectarine) | Italy | 1 | | | Mass. |
| *Punica granatum* (pomegranate) | do | 2 | | | N. Y. |
| *Pyrus communis* (pear) | Azores, Italy | 2 | 2 | | Mass., N. Y. |
| *Ceratitis capitata* (Wied.) (?) (Tephritidae): *Capsicum frutescens* (pepper) | Angola | | 1 | | Pa. |
| *Citrus reticulata* (Mandarin orange) | Algeria | | 1 | | Md. |
| *Citrus sinensis* (orange) | Cyprus, Portugal, Spanish Morocco. | 1 | 2 | | Ill., Mass., Tex. |
| *Coffea* sp. (coffee) | Brazil, Hawaii | 5 | | | Hawaii, Tex. |
| *Malus sylvestris* (apple) | Unknown | | 1 | | N. Y. |
| *Passiflora* sp | Portugal | 1 | | | Mass |
| *Persea americana* (avocado) | Hawaii | 1 | | | Hawaii. |
| *Prunus armeniaca* (apricot) | Unknown | | 1 | | Mass. |
| *Cerconota anonella* (Sepp) (Stenomidae): *Annona muricata* (soursop) | Brazil, Trinidad | 2 | | | N. Y., P. R. |
| *Ceropolastes japonica* Green (Coccidae): *Prunus* sp | Japan | | | 1 | Calif.* |
| *Ceroplastes rubens* Mask. (Coccidae): *Anthurium* sp | Hawaii | 1 | | | Hawaii. |
| *Asplenium nidus* (birdnest fern) | do | 1 | | | Hawaii. |
| *Gardenia* sp | do | 2 | | | Calif.* |
| *Ceroplastes rusci* (L.) (Coccidae): *Ficus carica* (fig) | Italy | | | 1 | Ill. |
| *Ceroplastes sinensis* Del Guer. (Coccidae): *Citrus sinensis* (orange) | do | 1 | | | N Y. |
| *Cerotoma atrofasciata* Jac. (?) (Chrysomelidae): *Phaseolus vulgaris* var. (string bean) | Mexico | 1 | | | Ariz. |
| *ysoma variabilis* (Hsiao & Sailer) (Pentatomidae): Orchid and bromeliad plants | do | | | 1 | Ariz. |
| *Chilo loftini* Dyar (Crambidae): *Saccharum officinarum* (sugarcane) | do | 7 | | | Ariz., Calif. |
| *Chilo suppressalis* (Wlk.) (Crambidae): *Oryza sativa* (rice) | Japan, Korea | 5 | 2 | | Calif.*, Hawaii, La., Tex. |
| *Chionaspis diosomae* Brain (Coccidae): *Diosoma crenulata* (buchu) | Union of South Africa | | 1 | | N. Y. |

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|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Chrysomphalus bifasciculatus* Ferris (Coccidae): | | | | | |
| *Dendrobium* sp. (orchid) | Japan | | | 1 | Calif.* |
| *Chrysomphalus decorosus* (Ferris) (Coccidae): | | | | | |
| *Tillandsia* sp. | Mexico | | | 1 | Calif.* |
| *Chrysomphalus diversicolor* Green (as defined by McKenzie) (Coccidae): | | | | | |
| *Citrus paradisi* (pomelo) | China | 1 | | | Hawaii. |
| *Chrysomphalus lilacinus* (Ckll.) (Coccidae): | | | | | |
| *Quercus* sp. (oak) | Mexico | 1 | | | Ariz. |
| *Chrysomphalus odontoglossi* (Ckll.) (Coccidae): | | | | | |
| Orchid | do | | | 1 | Ariz. |
| *Chrysomphalus personatus* (Comst.) (Coccidae): | | | | | |
| Bromeliad | Brazil | | | 1 | N. J. |
| *Cocos nucifera* (coconut) | Canal Zone, Mexico | 2 | | | Calif.* |
| *Persea americana* (avocado) | Mexico | 1 | | | Tex. |
| *Vriesia viminalis* | France | | | 1 | N. J. |
| *Chrysomphalus sphaerioides* (Ckll.) (Coccidae): | | | | | |
| *Chamaedorea ohlongata* | Mexico | 2 | | | Tex. |
| *Chamaedorea* sp. | do | 1 | | | Tex. |
| *Chrysomphalus tenax* (McKenzie) (Coccidae): | | | | | |
| *Brassavola cordata* (orchid) | Jamaica | | | 1 | Hawaii. |
| Leaf—unidentified | Mexico | | | 1 | Tex. |
| Orchid | Trinidad | | | 1 | Hawaii. |
| *Chrysomphalus tenax* McKenzie (?) (Coccidae): | | | | | |
| *Rosa* sp. | Mexico | 1 | | | Tex. |
| *Chrysomphalus tingi* (McKenzie) (Coccidae): | | | | | |
| *Cocos nucifera* (coconut) | do | 6 | | | Calif.* |
| *Chrysomphalus unboniferus* (Newst.) (Coccidae): | | | | | |
| *Cattleya* sp. (orchid) | Canal Zone, Costa Rica | | | 2 | Fla. |
| *Laelia rubescens* (orchid) | Costa Rica | | | 1 | Calif.* |
| *Oncidium confusum* (orchid) | Canal Zone | | | 1 | Fla. |
| Orchid | Canal Zone, Costa Rica, Guatemala, Honduras, Mexico. | | | 8 | Fla., Tex. |
| *Chrysopera combinans* (Wlk.) (Phalaenidae): | | | | | |
| Airplane | Kwajalein | | 1 | | Hawaii. |
| *Coccus capparidis* (Green) (Coccidae): | | | | | |
| *Philadelphus* sp. (mockorange) | Hawaii | 1 | | | Hawaii. |
| *Coccus viridis* (Green) (Coccidae): | | | | | |
| *Alpinia purpurata* | do | 1 | | | Calif.* |
| *Broughtonia* sp. | Jamaica | | | 1 | Fla. |
| *Bryophyllum* sp. | Hawaii | 1 | | | Hawaii. |
| *Citrus aurantifolia* (lime) | Montserrat | 1 | | | St. Thomas & St. John. |
| *Citrus* sp. | Bermuda | | | 1 | N. Y. |
| *Coffea* sp. (coffee) | Haiti, Hawaii | 3 | | | Fla.*, Calif.*, Hawaii. |
| *Cryptostegia grandiflora* (palay rubbervine) | Hawaii | 1 | | | Hawaii. |
| *Gardenia augusta* (gardenia) | Cuba, Hawaii | 34 | 2 | 1 | Calif.*, Fla.*, Hawaii. |
| *Ixora grandiflora* | Indonesia | | | 1 | N. J. |
| *Ixora* sp. | Trinidad | 1 | | 1 | Fla. |
| *Plumeria* sp. | Hawaii | 1 | | 2 | Hawaii. |
| *Schinus* sp. (peppertree) | do | 1 | | | Hawaii. |
| *Conchaspis orchidarum* Mamet (Coccidae): | | | | | |
| *Epidendrum* sp. (orchid) | Canal Zone | | | 1 | N. J. |
| *Rauwolfia lamarckii* | Puerto Rico | | | 1 | D. C. |
| *Conoderus exul* (Sharp) (Elateridae): | | | | | |
| *Vanda* sp. (orchid) | Hawaii | 1 | | | Hawaii. |
| *Conoderus pallipes* (Eschscholtz) (Elateridae): | | | | | |
| Airplane | Guam, Japan, Midway, unknown. | | 5 | | Hawaii. |
| *Conotrachelus aguacatae* Barber (Curculionidae): | | | | | |
| *Persea americana* (avocado) | Mexico | 37 | | | Tex. |
| *Coptotermes formosanus* Shiraki (Rhinotermitidae): | | | | | |
| Airplane | Hawaii, Japan | | 3 | | Hawaii. |
| *Coptotermes testaceus* (L.) (Rhinotermitidae): | | | | | |
| *Cedrus* sp. (cedar) | Peru | 1 | | | La. |

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|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Corythucha mcelfreshi* Drake (Tingidae): | | | | | |
| *Pelargonium* sp. (geranium) | Mexico | | | 1 | Tex. |
| *Corythucha spinosa* Duges (Tingidae): | | | | | |
| Orchid | do | | | 1 | Calif.* |
| *Cosmopolites sordidus* Germ. (Curculionidae): | | | | | |
| *Musa paradisiaca sapientum* (banana) | do | | | 1 | Tex. |
| *Crenidorsum communne* Rsl. (Aleyrodidae): | | | | | |
| *Coccoloba uvifera* (seagrape) | Bahamas | 1 | | | Fla.* |
| *Crenotiades stramineus* (Wlk.) (Miridae): | | | | | |
| Airplane | Unknown | | 1 | | Hawaii. |
| *Cryphula apicalis* (Dist.) (Lygaeidae): | | | | | |
| Orchid | Mexico | | | 2 | Calif.*, Tex. |
| *Cryphula apicatus* (Dist.) (Lygaeidae): | | | | | |
| *Anthurium* sp | do | | | 1 | Tex. |
| Orchid | do | | | 2 | Ariz., Tex. |
| *Cryptoblabes gnidiella* (Mill.) (Phycitidae): | | | | | |
| *Citrus limon* (lemon) | Italy | 1 | | | N. Y. |
| *Citrus sinensis* (orange) | Italy, Spain | 1 | 3 | | N. Y., Pa. |
| *Punica granatum* (pomegranate) | do | 5 | | | N. J., N. Y. |
| *Cryptophlebia illepida* (Btlr.) (Olethreutidae): | | | | | |
| *Macadamia* sp | Hawaii | 1 | | | Hawaii. |
| *Cryptotermes brevis* (Wlk.) (Kalotermitidae): | | | | | |
| Baggage | do | 1 | | | Hawaii. |
| Luggage | do | 1 | | | Hawaii. |
| Paper | Hawaii, Puerto Rico | 2 | | | Hawaii, St. Thomas & St. John. |
| *Curculio elephas* (Gyll.) (Curculionidae): | | | | | |
| *Castanea* sp. (chestnut) | Greece, Italy, Yugoslavia. | 33 | | | N. Y., Pa. |
| *Curculio q-griseae* Chttn. (Curculionidae): | | | | | |
| *Quercus* sp. (oak) | Mexico | 1 | | | Tex. |
| *Cylas formicarius* (F.) (Curculionidae): | | | | | |
| Baggage | Hawaii | 1 | | | Hawaii. |
| *Ipomoea batatas* (sweetpotato) | India | | 4 | | Ga., Mass., N. Y. |
| *Cylas formicarius elegantulus* (Summers) (Curculionidae): | | | | | |
| *Ipomoea batatas* (sweetpotato) | Cuba, Mexico, Montserrat, Puerto Rico. | 6 | 7 | | Ala., Fla.*, La., Pa., P. R., St. Croix, Tex. |
| *Cylas formicarius formicarius* F. (Curculionidae): | | | | | |
| *Ipomoea batatas* (sweetpotato) | India, Japan | 2 | 1 | | Hawaii, Mass., N. Y. |
| *Dacus cucurbitae* Coq. (Tephritidae): | | | | | |
| *Cucumis sativus* (cucumber) | Hawaii | 2 | 5 | | Calif.* |
| *Lycopersicon esculentum* (tomato) | do | | 8 | | Calif.* |
| *Dacus cucurbitae* Coq (?) (Tephritidae): | | | | | |
| *Cucumis sativus* (cucumber) | do | | 1 | | Calif.* |
| *Lycopersicon esculentum* (tomato) | do | | 1 | | Calif.* |
| *Dacus dorsalis* Hend. (Tephritidae): | | | | | |
| Airplane | do | | 5 | | Hawaii. |
| *Calophyllum inophyllum* | do | 1 | | | Hawaii. |
| *Coffea* sp. (coffee) | do | 7 | | | Hawaii. |
| *Cordyline terminalis* (ti) | do | 1 | | | Hawaii. |
| *Eugenia malaccensis* (mountain apple) | do | 1 | | | Hawaii. |
| *Mangifera indica* (mango) | do | 3 | 2 | | Calif.* Hawaii. |
| *Musa paradisiaca sapientum* (banana) | do | 1 | | | Calif.* |
| Orchid | do | | | 1 | Hawaii. |
| *Psidium guajava* (guava) | Guam | 1 | | | Calif.* |
| *Terminalia* sp | Hawaii | 1 | | | Hawaii. |
| *Dacus dorsalis* Hend. (?) (Tephritidae): | | | | | |
| *Coffea arabica* (Arabian coffee) | do | 1 | | | Hawaii. |
| *Coffea* sp. (coffee) | do | 1 | | | Hawaii. |
| *Dacus oleae* Gmel. (Tephritidae): | | | | | |
| *Olea europaea* (olive) | Greece, Italy, Lebanon | 15 | | | Mass., N. Y. |
| *Dacus oleae* Gmel. (?) (Tephritidae): | | | | | |
| *Olea europaea* (olive) | Italy | 1 | | | N. Y. |

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

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| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Dacus tryoni* (Frogg.) (?) (Tephritidae): | | | | | |
| *Pyrus communis* (pear) | Australia | | 1 | | Hawaii. |
| *Dasyneura affinis* (Kieff.) (Itonididae): | | | | | |
| *Viola* sp. (violet) | England | | | 1 | N. J. |
| *Dendrocoris variegatus* Nelson (Pentatomidae): | | | | | |
| Cactus and succulent plants | Mexico | | | 1 | Ariz. |
| Orchid | do | | | 2 | Ariz., Calif.* |
| *Deroceras reticulatum* (Muller) (Mollusca): | | | | | |
| *Allium porrum* (leek) | Germany | | 1 | | Pa. |
| *Apium graveolens* (celery) | Portugal | | 1 | | Pa. |
| *Beta vulgaris* (beet) | New Zealand | | 1 | | Pa. |
| *Brassica oleracea botrytis* (cauliflower) | Belgium | | 1 | | N. Y. |
| *Brassica oleracea capitata* (cabbage) | England, Germany, Italy, Netherlands. | | 6 | | La., Pa. |
| *Brassica rapa* (turnip) | France | | 1 | | Pa. |
| *Cichorium intybus* (escarole) | do | | 1 | | N. Y. |
| *Cordyline terminalis* (ti) | Hawaii | | | 2 | Hawaii. |
| *Cynara scolymus* (globe artichoke) | Italy | | 1 | | Mass. |
| *Daucus carota* (carrot) | Chile | | 1 | | Pa. |
| *Heliconia* sp. | Hawaii | 1 | | | Hawaii. |
| *Lactuca sativa* (lettuce) | Australia, England, Ireland, Italy, Sweden. | | 5 | | Hawaii, Mass., N. Y., Pa. |
| Orchid | Costa Rica, Ecuador, Jamaica, Guatemala, Venezuela. | | | 6 | Fla.,* Hawaii. |
| *Solanum tuberosum* (potato) | Ireland | 1 | | | N. Y. |
| With turnips and beets | Union of South Africa | | 1 | | Mass. |
| *Diabrotica brevilineata* Jac. (Chrysomelidae): | | | | | |
| Airplane | Unknown | | 1 | | Fla.* |
| *Diabrotica lepida* (Say) (Chrysomelidae): | | | | | |
| *Tillandsia* sp. | Mexico | | | 1 | Tex. |
| *Diabrotica speciosa* (Germ.) (Chrysomelidae): | | | | | |
| *Paspalum dilatatum* (Dallas grass) | Brazil | | | 1 | D. C. |
| *Dialeurodes chittendeni* Laing (Aleyrodidae): | | | | | |
| *Rhododendron* sp. | England, Netherlands | | | 6 | N. J. |
| *Dialeurodes citri* (Ashm.) (Aleyrodidae): | | | | | |
| *Citrus aurantifolia* (lime) | Japan | | 1 | | Calif.* |
| *Rhododendron* sp. | do | | | 1 | N. J. |
| *Dialeurodes citrifolii* (Morg.) (Aleyrodidae): | | | | | |
| *Citrus* sp. | Cuba | 1 | | | Fla.* |
| *Dialeurodes kirkaldyi* (Kot.) (Aleyrodidae): | | | | | |
| *Gardenia augusta* (gardenia) | Lebanon | | | 1 | N. Y. |
| *Diaspis zamiae* Morg. (Coccidae): | | | | | |
| Palm | Italy | | | 1 | N. J. |
| *Dicyphus annulatus* (Wolff) (Miridae): | | | | | |
| *Lactuca sativa* (lettuce) | do | | 1 | | Va. |
| *Dinoderus bifoveolatus* (Woll.) (Bostrichidae): | | | | | |
| *Lonchocarpus* sp. (cuberoot) | Brazil | 1 | | | N. Y. |
| *Dinoderus brevis* (Horn) (Bostrichidae): | | | | | |
| Bamboo | India | 3 | | | Ala., La. |
| *Diocalandra taitensis* (Guer.) (Curculionidae): | | | | | |
| *Cocos nucifera* (coconut) | Hawaii | 4 | | | Calif.,* Hawaii. |
| *Diorymerellus laevimargo* Champ. (Curculionidae): | | | | | |
| Orchid | Mexico | | | 9 | Calif.,* Tex. |
| *Disonycha antennata* Jac. (Chrysomelidae): | | | | | |
| *Selaginella* sp. | do | | | 1 | Tex. |
| *Draeculacephala clypeata* Osb. (Cicadellidae): | | | | | |
| *Copaifera hemitomophylla* ("cativo") | Colombia | 1 | | | Ga. |
| *Drasterius bimaculatus* (Rossi) (Elateridae): | | | | | |
| *Prunus persica* (peach) | Italy | | 1 | | N. Y. |
| *Dynatopechus calandroides* Zimm. (Curculionidae): | | | | | |
| Flower arrangement | Hawaii | 1 | | | Hawaii. |
| *Leucaena glauca* | do | 1 | | | Hawaii. |
| *Dysdercus concinnus* Stal (Pyrrhocoridae): | | | | | |
| *Lycopersicon esculentum* (tomato) | Mexico | 1 | | | Ariz. |
| *Dysdercus mimulus* Hussey (Pyrrhocoridae): | | | | | |
| Plant | do | | | 1 | Tex. |
| *Dysdercus obliquus* (Hsiao & Sailer) (Pyrrhocoridae) | | | | | |
| Roof of refrigerator car | do | | 1 | | Ariz. |

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

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|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Dyspessa ulula* (Bkh.) (Cossidae): | | | | | |
| *Allium sativum* (garlic) | Italy | 4 | | | Mass., N. Y. |
| *Epicharista ionephela* (Meyrick) (Tortricidae): | | | | | |
| *Ornithogalum thyrsoides* (chinkerichee) | Union of South Africa | 1 | | | N. Y. |
| *Epidiaspis piricola* (del Guer.) (Coccidae): | | | | | |
| *Malus sylvestris* (apple) | Germany, Italy, unknown. | 7 | | | Fla.*, N. Y. |
| *Epinotia aporema* (Wlsm.) (Olethreutidae): | | | | | |
| *Phaseolus vulgaris* var. (string bean) | Mexico, Peru | 2 | 5 | | Ala., Tex. |
| *Ereunetis flavistriata* Wlsm. (Tineidae): | | | | | |
| *Cocos nucifera* (coconut) | Hawaii | 7 | | | Hawaii. |
| *Eriococcus araucariae* Mask. (Coccidae): | | | | | |
| *Araucaria* sp | Unknown | | | 1 | Fla. |
| *Juniperus* sp | do | | | 1 | Fla. |
| *Eriophyes canestrinii* Nal. (Eriophyidae): | | | | | |
| *Buxus sempervirens* (box) | Netherlands | | | 3 | N. J. |
| *Buxus* sp | England | | 1 | | Mass. |
| *Eucalandra setulosa* (Gyll.) (Curculionidae): | | | | | |
| Bamboo | Trinidad | 1 | | | Ala. |
| *Eumerus tuberculatus* Rond. (Syrphidae): | | | | | |
| *Allium cepa* (onion) | Japan | | 1 | | N. Y. |
| *Eurydema oleraceum* (L.) (Pentatomidae): | | | | | |
| *Vitis* sp. (grape) | Austria | 1 | | | N. Y. |
| *Eurygaster integriceps* Puton (Pentatomidae): | | | | | |
| *Phalaris tuberosa* (canary grass) | Iraq | | | 1 | D. C. |
| *Eurytoma orchidearum* (Westw.) (Eurytomidae): | | | | | |
| *Cattleya* sp. (orchid) | Venezuela | | | 2 | Fla., N. J. |
| Orchid | Mexico | | | 1 | Tex. |
| *Euscepes postfasciatus* (Fairm.) (Curculionidae): | | | | | |
| *Ipomoea batatas* (sweetpotato) | Brazil, Hawaii | | 7 | | La., Pa. |
| *Eutetranychus banksi* (McG.) (Tetranychidae): | | | | | |
| *Citrus* sp | Mexico | 1 | | | Tex. |
| Sapote | do | 1 | | | Ariz. |
| *Everes comyntas* (Godart) (Lycaenidae): | | | | | |
| *Phaseolus vulgaris* var. (string bean) | do | 1 | | | Tex. |
| *Evergestis rimosalis* (Guen.) (Pyraustidae): | | | | | |
| *Brassica oleracea botrytis* (cauliflower) | do | | 1 | | Tex. |
| *Exptochiomera albomaculata* (Dist.) (Lygaeidae): | | | | | |
| Orchid | do | | | 3 | Tex. |
| *Exptochiomera confusa* Barber (Lygaeidae): | | | | | |
| *Anthurium* sp | do | | | 1 | Tex. |
| *Dracaena* sp | do | | | 1 | Tex. |
| Orchid | do | | | 2 | Tex. |
| Plant | do | | | 1 | Tex. |
| *Farinococcus guatemalensis* Ferris (Coccidae): | | | | | |
| *Epidendrum* sp. (orchid) | do | | | 1 | Fla. |
| Orchid | Guatemala, Mexico, Salvador. | | | 3 | Fla., N. J., Tex. |
| *Ferrisia virgata* (Ckll.) (Coccidae): | | | | | |
| *Dendrobium* sp. (orchid) | India | | | 1 | N. J. |
| *Philodendron* sp | Nicaragua | | | 1 | Tex. |
| Plant—unidentified | Martinique, Philippines | 1 | 1 | | Hawaii, Wash. |
| *Forficula decipiens* Gene (Forficulidae): | | | | | |
| *Cynara scolymus* (globe artichoke) | Italy | | 1 | | Pa. |
| *Frankliniella schultzei* (Tryb.) (Thripidae): | | | | | |
| *Dianthus* sp. (carnation) | Australia | | 1 | | Hawaii. |
| *Frauenfeldiella jelinekii* (Frauenfeld) (Aleyrodidae): | | | | | |
| *Viburnum tinus* var | England | | | 1 | N. J. |
| *Fulvius brevicornis* Reuter (Miridae): | | | | | |
| *Eleocharis dulcis* (waternut) | China | 1 | | | Hawaii. |
| *Fundella pellucens* (Zell.) (Phycitidae): | | | | | |
| Seed pod | Jamaica | 1 | | | Fla.* |
| *Vigna sinensis* (cowpea) | Virgin Corda | 1 | | | St. Thomas & St. John. |
| *Furcaspis biformis* (Ckll.) (Coccidae): | | | | | |
| *Agave* sp | Venezuela | | 1 | | Pa. |
| *Aloe* sp | do | | 1 | | Pa. |
| *Brassavola* sp. (orchid) | Canal Zone | | | 1 | N. J. |
| *Cattleya* sp. (orchid) | Hawaii, Venezuela | | | 2 | Fla., N. J. |
| *Epidendrum atropurpureum* (orchid) | Canal Zone | 1 | | 5 | Calif.*, Fla. |
| *Epidendrum* sp | do | | | 4 | Fla., N. J. |

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|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| ***Furcaspis biformis***—Continued | | | | | |
| *Oncidium ampliatum* (orchid) | Canal Zone | | | 2 | Calif.* |
| *Oncidium isthmi* | do | | | 1 | Fla. |
| *Oncidium multiflorum* | Ceylon | | | 1 | N. J. |
| *Oncidium panamense* | Canal Zone | | | 1 | Fla. |
| *Oncidium* sp | Canal Zone, Jamaica | | | 4 | Fla., N. J. |
| Orchid | Canal Zone, Costa Rica, Honduras, Jamaica, Panama, Venezuela. | | | 25 | Fla., Hawaii Tex. |
| ***Galerucella xanthomelaena*** (Shr.) (Chrysomelidae): | | | | | |
| *Ulmus* sp. (elm) | Canada | 1 | | | N. Y. |
| ***Galgupha punctifer*** McA. & Mall. (Pentatomidae): | | | | | |
| Orchid | Canal Zone, Guatemala | | | 2 | Fla. |
| ***Gelechia ericetella*** (Hbn.) (Gelechiidae): | | | | | |
| *Calluna vulgaris* (heather) | Scotland | 2 | | | Mass., N. Y. |
| ***Genuchinus v-notatus*** Westw. (Scarabaeidae): | | | | | |
| Orchid | Mexico | | | 1 | Tex. |
| ***Geocoris flavilineus*** Stal (Lygaeidae): | | | | | |
| Orchid | do | | | 1 | Tex. |
| ***Glycyphagus domesticus*** (Deg.) (Glycyphagidae): | | | | | |
| Bulb | Madeira Islands | | | 2 | Mass. |
| *Pyrus communis* (pear) | Austria | 1 | | | N. Y. |
| Soil with dahlia, gladiolus, and lily bulbs | Azores | | | 1 | Mass. |
| Soil with garlic | do | | | 1 | Mass. |
| *Solanum tuberosum* (potato) | Japan | | 1 | | La. |
| *Triticum aestivum* (wheat) | Azores | 1 | | | Mass. |
| ***Gnorimoschema gudmanella*** (Wlsm.) (Gelechiidae): | | | | | |
| *Capsicum frutescens* (pepper) | Mexico | 4 | | | Ariz. |
| ***Gnorimoschema ocellatella*** (Boyd) (Gelechiidae): | | | | | |
| *Beta vulgaris* (beet) | Canary Islands, Egypt, Israel. | | 3 | | Pa. |
| ***Gnorimoschema plaesiosema*** (Turner) (Gelechiidae): | | | | | |
| *Solanum* sp. (pepino) | Peru | 1 | | | N. Y. |
| ***Gortyna flavago*** (Schiff.) (Phalaenidae): | | | | | |
| *Cynara scolymus* (artichoke) | France | | 1 | | N. Y. |
| ***Gracilaria azaleella*** Brants (Gracilariidae): | | | | | |
| *Rhododendron obtusum* | Netherlands | | | 1 | N. J. |
| *Rhododendron* sp | do | | | 3 | N. J. |
| ***Grapholitha molesta*** (Busck) (Olethreutidae): | | | | | |
| *Prunus persica* (peach) | Japan | 1 | | | Hawaii. |
| ***Grapholitha packardi*** Zell. (Olethreutidae): | | | | | |
| *Crataegus* sp. (thornapple) | Mexico | 1 | | | Tex. |
| ***Gymnandrosoma aurantianum*** Costa Lima (Olethreutidae): | | | | | |
| *Citrus sinensis* (orange) | Brazil | | 2 | | La., Pa. |
| ***Gynaikothrips ficorum*** (Marchal) (Phlaeothripidae): | | | | | |
| *Ficus retusa* (India laurel fig) | Cuba | | 1 | | Fla.* |
| ***Haplothrips cottei*** (Vuill.) (Phlaeothripidae): | | | | | |
| *Dianthus* sp. (carnation) | Greece | 1 | | | N. Y. |
| ***Haplothrips gowdeyi*** (Frankl.) (Phlaeothripidae): | | | | | |
| *Lilium* sp. (lily) | Bermuda | 1 | | | N. Y. |
| *Rosa* sp | Haiti | | 1 | | Fla.* |
| ***Hedylepta indicata*** (F.) (Pyraustidae): | | | | | |
| *Phaseolus* sp | Cuba | | | 1 | Fla.* |
| ***Heliothis subflexa*** (Guen.) (Phalaenidae): | | | | | |
| *Physalis* sp. (husk tomato) | Mexico | 2 | | | Tex. |
| ***Helix aspersa*** (Muller) (Mollusca): | | | | | |
| *Brassica oleracea capitata* (cabbage) | Azores | | 1 | | Pa. |
| *Capsicum frutescens* (pepper) | Italy | | 1 | | N. Y. |
| *Cynara scolymus* (globe artichoke) | do | | 1 | | Pa. |
| Daisy | Mexico | 1 | | | Tex. |
| ***Helix nemoralis*** L. (Mollusca): | | | | | |
| Tractor | England | 1 | | | Calif.* |
| ***Henimene juliana*** (Curt.) (Olethreutidae): | | | | | |
| *Castanea* sp. (chestnut) | Italy | 2 | | | N. Y. |
| ***Heterobostrychus aequalis*** (Waterh.) (Bostrichidae): | | | | | |
| Wood case | China, India | 2 | | | N. Y., Wash. |
| ***Homalodisca centrolineata*** (Sign.) (Cicadellidae): | | | | | |
| *Chamaedorea* sp | Mexico | 1 | | | Tex. |
| *Pelargonium* sp. (geranium) | do | | | 1 | Tex. |

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|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Homoeosoma electellum* (Hlst.) (Phycitidae): | | | | | |
| *Zinnia* sp. | Bermuda | 1 | | | N. Y. |
| *Hylemya floralis* (Fall.) (Muscidae): | | | | | |
| *Armoracia rusticana* (horseradish) | Sweden | 1 | | | Pa. |
| *Hypera brunneipennis* (Boh.) (Curculionidae): | | | | | |
| *Allium sativum* (garlic) | Egypt | 1 | | | N. Y. |
| *Gossypium* sp. (cotton) | Mexico | 1 | | | Calif. |
| *Icerya aegyptiaca* Dougl. (?) (Coccidae): | | | | | |
| Orchid | do | | | 1 | Tex. |
| *Iridomyrmex glaber* (Mayr) (Formicidae): | | | | | |
| Orchid | Australia | 1 | | | Hawaii. |
| *Iridomyrmex humilis* Mayr (Formicidae): | | | | | |
| Airplane | Central America | | 1 | | La. |
| *Ficus carica* (fig) | Italy | 1 | | | Mass. |
| Flowers | Bermuda | 1 | | | N. Y. |
| *Nerium oleander* (oleander) | do | 1 | | | N. Y. |
| *Ornithogalum thyrsoides* (chinkerichee) | Union of South Africa | 1 | | | N. Y. |
| *Protea* sp. | do | 1 | | | N. Y. |
| *Prunus armeniaca* (apricot) | do | 1 | | | N. Y. |
| *Rosa* sp. (rose) | Bermuda | 1 | | | N. Y. |
| *Vitis* sp. (grape) | Union of South Africa | 1 | | | N. Y. |
| Wood cutting | Italy | | | 1 | N. Y. |
| *Iridomyrmex inigwus* Mayr (Formicidae): | | | | | |
| *Cattleya mossiae* (orchid) | Venezuela | | | 1 | N. J. |
| *Isorhinus undatus Champ.* (Curculionidae): | | | | | |
| Orchid | Mexico | | | 1 | Tex. |
| Succulent plant | do | | | 1 | Ariz. |
| *Tillandsia* sp. | do | | | 1 | Tex. |
| *Kalotermes flavicollis* (F.) ((Kalotermitidae): | | | | | |
| *Cydonia oblonga* (quince) | Italy | 1 | | | N. Y. |
| *Kalotermes snyderi* Light (Kalotermitidae): | | | | | |
| *Cedrus* sp. (cedar) | Bermuda | 1 | | | N. Y. |
| *Lamellaxis gracilis* (Hutton) (Mollusca): | | | | | |
| Orchid | Cuba | | | 1 | Fla. |
| *Lampetia equestris* (F.) (Syrphidae): | | | | | |
| *Narcissus* sp. | England, France, Germany, Italy, Netherlands, Northern Ireland. | | | 13 | Ill., N. J., N. Y. |
| *Lampides boeticus* (L.) (Lycaenidae): | | | | | |
| *Canavalia* sp. (mauna loa) | Hawaii | 13 | | | Calif.,* Hawaii. |
| *Pisum sativum* (pea) | Spain | | 1 | | Pa. |
| *Laspeyresia splendana* (Hbn.) (Olethreutidae): | | | | | |
| *Castanea* sp. (chestnut) | England, Italy, Japan, Portugal, Spain, Yugoslavia. | 58 | | | Calif.,* Minn., N. Y., Pa., P. R. |
| *Olea europaea* (olive) | Italy | 1 | | | N. Y. |
| *Laspeyresia strobilella* (L.) (Olethreutidae): | | | | | |
| *Picea abies* (Norway spruce) | Germany, Norway | 1 | | 1 | N. Y. |
| *Picea* sp. (spruce) | Germany | 2 | | 1 | N. J., N. Y |
| *Lecanium corni* Bouche (Coccidae): | | | | | |
| *Tilia americana* (American linden) | Netherlands | | | 1 | N. J. |
| *Lecanium coryli* (L.) (Coccidae): | | | | | |
| *Ficus* sp. | do | | | 1 | Mass. |
| *Rhododendron* sp. | Scotland | 1 | | | Va. |
| *Lecanium fletcheri* Ckll. (Coccidae): | | | | | |
| *Juniperus* sp. | Canada | | | 1 | N. J. |
| *Lepidosaphes esakii* Tak. (Coccidae): | | | | | |
| *Cocos nucifera* (coconut) | Eniwetok, Guam, Kwajalein. | 1 | | 2 | Hawaii. |
| *Lepidosaphes pallida* Green (Coccidae): | | | | | |
| *Juniperus* sp. | Japan | | | 2 | Calif.,* Wash. |
| *Lepidosaphes philococcus* (Ckll.) (Coccidae): | | | | | |
| Cactus | Mexico | | | 3 | Ariz., Tex. |
| *Lepidosaphes tokionis* (Kuw.) (Coccidae): | | | | | |
| *Codiaeum* sp. (croton) | Hawaii, Panama, Trinidad. | 16 | | 8 | Ala., Hawaii, N. Y. |

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

[An asterisk indicates State inspection]

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Lepidosaphes tuberculata* Mal. (Coccidae): | | | | | |
| *Cymbidium ensifolium* (orchid) | Japan | | | 1 | Calif.* |
| *Cymbidium* sp | Australia, Japan | | | 5 | Calif.* |
| *Leptoglossus chilensis* (Spinola) (Coreidae): | | | | | |
| *Vitis* sp. (grape) | Chile | 6 | | | N. Y. |
| *Leucaspis cockerelli* (de Charm.) (Coccidae): | | | | | |
| *Aspasia epidendroides* (orchid) | Canal Zone | | | 1 | Calif.* |
| *Aspasia principissa* | do | | | 1 | Hawaii. |
| *Brassia* sp. (orchid) | do | | | 1 | Fla. |
| *Citrus paradisi* (grapefruit) | Colombia | 1 | | | Fla.* |
| *Citrus sinensis* (orange) | Aruba, Canal Zone, Nicaragua, Trinidad. | | 6 | | Calif.,* Fla.* |
| *Leucaspis loewi* Colvee (Coccidae): | | | | | |
| *Pinus* sp. (pine) | Germany, Italy | | | 2 | N. Y. |
| *Leucaspis pusilla* Loew (Coccidae): | | | | | |
| *Pinus* sp. (pine) | Canary Islands | | | 1 | N. J. |
| *Leucinodes orbonalis* Guen. (Pyraustidae): | | | | | |
| *Solanum melongena* (eggplant) | Gold Coast, Thailand | 1 | 1 | | Hawaii, Md. |
| *Solanum* sp | Liberia | 1 | | | Mich. |
| *Leucoptera coffeella* G.-M. (Lyonetidae): | | | | | |
| *Coffea* sp. (coffee) | Mexico | 1 | | | Tex. |
| *Ligyrocoris abdominalis* (G.-M.) (Lygaeidae): | | | | | |
| Bromeliad | Honduras | | | 1 | Fla. |
| *Zantedeschia aethiopica* (calla lily) | Mexico | 1 | | | Tex. |
| *Ligyrocoris auriwilliana* (Dist.) (Lygaeidae): | | | | | |
| Cycad | do | | | 1 | Tex. |
| *Limax marginatus* Muller (Mollusca): | | | | | |
| *Anthurium* sp | Costa Rica | | | 1 | Fla. |
| *Brassica oleracea capitata* (cabbage) | Azores, Germany | | 2 | | Pa. |
| Orchid | Costa Rica, Guatemala | | | 2 | Fla. |
| Plants—assorted | Portugal | | | 1 | Mass. |
| Soil | do | | | 1 | Mass. |
| *Limax marginatus* Muller (?) (Mollusca): | | | | | |
| *Asparagus* sp | Japan | | | 1 | Hawaii. |
| *Limax maximus* (L.) (Mollusca): | | | | | |
| *Brassica oleracea capitata* (cabbage) | Norway | | 1 | | Pa. |
| Plant | England | | | 1 | N. Y. |
| *Lixus junci* Boh. (Curculionidae): | | | | | |
| *Beta vulgaris* (beet) | Italy | | 1 | | Pa. |
| *Lyctus africanus* Lesne (Lyctidae): | | | | | |
| Canes—unidentified | Unknown | 1 | | | N. J. |
| *Lyctus brunneus* (Steph.) (Lyctidae): | | | | | |
| Wood crate | China | 1 | | | Wash. |
| Wrapping | Hawaii | 1 | | | Hawaii. |
| *Lygaeus pulchellus* F. (Lygaeidae): | | | | | |
| *Cocos nucifera* (copra) | Philippines | 1 | | | La. |
| *Lygaeus uhleri* Stal (Lygaeidae): | | | | | |
| *Citrus aurantifolia* (sour lime) | Mexico | 1 | | | Ariz. |
| *Lygus lineolaris* (P. de B.) (Miridae): | | | | | |
| *Chrysanthemum* sp | do | 1 | | | Ariz. |
| *Mamurius mopsus* Stal (Coreidae): | | | | | |
| Orchid | do | | | 3 | Tex. |
| *Maruca testulalis* (Geyer) (Pyraustidae): | | | | | |
| *Cajanus cajan* (pigeonpea) | Puerto Rico | 1 | | | Md. |
| *Canavalia microcarpa* | Hawaii | 1 | | | Hawaii. |
| *Canavalia* sp | do | 10 | | | Calif.*, Hawaii. |
| *Phaseolus vulgaris* var. (string bean) | Brazil, Hawaii, Jamaica, Japan, Trinidad. | | 5 | | Ala., Calif.*, Fla.*, Tex. |
| *Mauria submotatus* (Boh.) (Anthribidae): | | | | | |
| *Cocos nucifera* (coconut) | Hawaii | 1 | | | Hawaii. |
| *Megacerus alternatus* Bridw. (Bruchidae): | | | | | |
| *Ipomoea pes-caprae* | do | 1 | | | Hawaii. |
| *Megalocysta gibbifera* (Picada) (Tingidae): | | | | | |
| Bromeliaceae | Canal Zone | | | 1 | Calif.* |
| *Megalometis chiliensis* Boh. (Curculionidae): | | | | | |
| *Prunus domestica* (plum) | Chile | 1 | | | N. Y. |
| *Prunus persica* (peach) | do | 1 | | | N. Y. |
| *Melipotis famelica* (Guen.) (Phalaenidae): | | | | | |
| Ship's quarters | Bahamas | | 1 | | Fla.* |

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

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| | | Consumption | Non-entry | Propagation | |
| *Metamasius sericeus* (Oliv.) (Curculionidae): | | | | | |
| *Ananas comosus* (pineapple) | Honduras | 1 | | | La. |
| *Musa paradisiaca sapientum* (banana) | Ecuador, Guatemala, Mexico. | 50 | | | La., N. Y., S. C., Tex. |
| *Vitis* sp. (grape) | Chile | 1 | | | N. Y. |
| *Micrapate labialis* Lesne (Bostrichidae): | | | | | |
| *Lonchocarpus* sp. (cuberoot) | Brazil | 1 | | | N. Y. |
| Wood crate | Mexico | 1 | | | Ill. |
| *Microcerotermes exiduus* (Hagen) (Termitidae): | | | | | |
| *Rauwolfia* sp | Colombia | 1 | | | N. Y. |
| *Microtheca ochroloma* Stal (Chrysomelidae): | | | | | |
| *Cattleya* sp. (orchid) | Brazil | | | 1 | N. J. |
| *Mimosestes sallaei* (Sharp) (Bruchidae): | | | | | |
| Airplane | Hawaii | | 1 | | Hawaii. |
| *Minthea rugicollis* (Wlk.) (Lyctidae): | | | | | |
| Bamboo | India | 1 | | | Ala. |
| Malvaceae | Asia | 1 | | | Ill. |
| *Moniothripa lichenigera* (Hampson) (Phalaenidae): | | | | | |
| Airplane | Kwajalein | | 1 | | Hawaii. |
| *Monanthia monotropidia* Stal (Tingidae): | | | | | |
| With orchid and bromeliad plants | Mexico | | | 1 | Ariz. |
| *Tillandsia* sp | do | | | 3 | Tex. |
| *Monomorium destructor* (Jerd.) (Formicidae): | | | | | |
| *Bryophyllum* sp | Jamaica | | | 1 | Mass. |
| *Litchi chinensis* (lychee) | India | | | 1 | N. J. |
| Orchid | Thailand | | | 1 | Hawaii. |
| *Pleurothallis* sp. (orchid) | Trinidad | | | 1 | Hawaii. |
| *Monosteira unicostata* Mulsant & Rey (Tingidae): | | | | | |
| *Punica granatum* (pomegranate) | Italy | 1 | | | N. Y. |
| *Morganella longispina* (Morg.) (Coccidae): | | | | | |
| *Citrus decumana* | Tahiti | | | 1 | D. C. |
| *Citrus paradisi* (grapefruit) | British Guiana | | 1 | | Mich. |
| *Mormidea collaris* Dallas (Pentatomidae): | | | | | |
| Orchid | Mexico | | | 1 | Calif.* |
| *Myochrous carinatus* Jac. (Chrysomelidae): | | | | | |
| *Anthurium* sp | do | | | 1 | Tex. |
| *Myodocha longicollis* Stal (Lygaeidae): | | | | | |
| Orchid | do | | | 1 | Tex. |
| *Napomyza lateralis* (Fall.) (Agromyzidae): | | | | | |
| *Cichorium endivia* (endive) | Belgium | 2 | | | N. Y. |
| *Nasutitermes corniger* (Motsch) (Termitidae): | | | | | |
| *Oncidium ampliatum* (orchid) | Canal Zone | | | 1 | Calif.* |
| Orchid | do | | | 1 | Calif.* |
| *Naupactus xanthographus* Germ. (Curculionidae): | | | | | |
| *Vitis vinifera* (European grape) | Chile | 1 | | | N. Y. |
| *Vitis* sp. (grape) | do | 2 | | | N. Y., Pa. |
| *Nemapogon granella* (L.) (Tineidae): | | | | | |
| *Agaricus campestris* (mushroom) | Italy | 1 | | | N. Y. |
| *Neoleucinodes elegantalis* (Guen.) (Pyraustidae): | | | | | |
| *Lycopersicon esculentum* (tomato) | Brazil, Mexico | 3 | 1 | | N. Y., Tex. |
| *Solanum melongena* (eggplant) | Brazil | | 1 | | La. |
| *Neoleucon rubrotylus* Carvalho (Miridae): | | | | | |
| *Philodendron* sp | Mexico | | | 2 | Tex. |
| *Neolobophora lugubris* (Dohrn) (Forficulidae): | | | | | |
| Orchid | do | | | 1 | Calif.* |
| *Neolobophora ruficeps* (Burm.) (Forficulidae): | | | | | |
| Orchid | do | | | 4 | Ariz. Calif.,* Tex. |
| *Neoscatella sexnotata* (Cresson) (Ephydridae): | | | | | |
| Airplane | Hawaii | | 1 | | Hawaii. |
| *Neosteingelia texana* Morr. (Coccidae): | | | | | |
| Soil with orchids | Mexico | | | 1 | Ariz. |
| *Nephotettix apicalis* (Motsch.) (Cicadellidae): | | | | | |
| Airplane | Japan, Philippines, unknown. | | 6 | | Hawaii. |
| *Nesosteles incisus* (Mats.) (Cicadellidae): | | | | | |
| Airplane | Japan | | 1 | | Hawaii. |
| *Neuroctenus litigiosus* Stal (Aradidae): | | | | | |
| Orchid | Mexico | | | 1 | Tex. |

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| *Nezara heegeri* Puton (Pentatomidae): | | | | | |
| With apples and pomegranates | Italy | 1 | | | N. Y. |
| *Nezara viridula* (L.) (Pentatomidae): | | | | | |
| *Allium cepa* (onion) | Chile | 1 | | | N. Y. |
| *Chrysanthemum* sp | Australia | 1 | | | Hawaii. |
| *Verbena rigida* | Bermuda | 1 | | | N. Y. |
| *Vitis* sp. (grape) | Chile | 1 | | | N. Y. |
| *Nodonota tristis* (Oliv.) (Chrysomelidae): | | | | | |
| *Vitis* sp. (grape) | Chile (?) | 1 | | | Tex. |
| *Noella floridula* (Dist.) (Miridae): | | | | | |
| *Dieffenbachia* sp | Mexico | | | 1 | Tex. |
| *Nomophila noctuella* (D. & S.) (Pyraustidae): | | | | | |
| Airplane | Hawaii | | 1 | | Hawaii. |
| *Nymphula fluctuosalis* Zell. (Pyraustidae): | | | | | |
| Airplane | Philippines | | 1 | | Hawaii. |
| *Nysius californicus* Stal (Lygaeidae): | | | | | |
| Airplane | Colombia | | 1 | | Tex. |
| *Nysius clevelandensis* Evans (Lygaeidae): | | | | | |
| *Lactuca sativa* (lettuce) | Australia | | 1 | | Hawaii. |
| *Nysius dallasi* White (Lygaeidae): | | | | | |
| Airplane | Hawaii, Japan | | 2 | | Hawaii. |
| *Nysius raphanus* Howard (Lygaeidae): | | | | | |
| Airplane | Mexico | | 1 | | Tex. |
| *Brassica* sp. (mustard) | do | 1 | | | Tex. |
| *Ochterus perbosci* (G.-M.) (Ochteridae): | | | | | |
| *Copaifera hemitomophylla* ("cativo") | Colombia | 1 | | | Ga. |
| *Odonaspis ruthae* Kot. (Coccidae): | | | | | |
| *Cattleya* sp. (orchid) | Canal Zone | | | 1 | Fla. |
| *Cynodon* sp | Union of South Africa | | | 1 | D. C. |
| *Odonaspis secreta* (Ckll.) (Coccidae): | | | | | |
| *Bambusa* sp | Japan | | 1 | | Calif.* |
| *Odontolozozus longicornis* (Coq.) (Neriidae): | | | | | |
| Airplane | Mexico | | 1 | | Tex. |
| *Oedancala bimaculata* (Dist.) ((Lygaeidae): | | | | | |
| Orchid | do | | | 1 | Tex. |
| *Oedotingis mexicanus* Drake (Tingidae): | | | | | |
| Orchid | do | | | 1 | Calif.* |
| *Olethreutes leucotreta* Meyr. (Olethreutidae): | | | | | |
| *Citrus paradisi* (grapefruit) | Angola | | 1 | | N. Y. |
| *Citrus sinensis* (orange) | Belgian Congo | | 1 | | Md. |
| *Olethreutes leucotreta* Meyr. (?) (Olethreutidae): | | | | | |
| *Capsicum frutescens grossum* (bell pepper) | Belgian Congo | | 1 | | Pa. |
| *Citrus sinensis* (orange) | Union of South Africa | | 1 | | Mich. |
| *Oligonychus peruvianus* (McG.) (Tetranychidae): | | | | | |
| *Trifolium* sp. (clover) | Guatemala | 1 | | | Tex. |
| *Omphisa anastomosalis* (Guen.) (Pyraustidae): | | | | | |
| *Ipomoea batatas* (sweetpotato) | Hawaii, India | 1 | 1 | | Hawaii, Mass. |
| *Onthophagus incensus* Say (Scarabaeidae): | | | | | |
| Airplane | Hawaii | | 1 | | Hawaii. |
| *Oplomus rutilus* Dallas (Pentatomidae): | | | | | |
| Orchid | Mexico | | | 1 | Calif.* |
| *Opogona purpuriella* Sw. (Lyonetiidae): | | | | | |
| *Cordyline terminalis* (ti) | Hawaii | 1 | | | Hawaii. |
| *Opshomala vitreipennis* (Marsch.) (Acrididae): | | | | | |
| Airplane | Unknown | | 1 | | N. Y. |
| *Opsius stactogalus* Fieber (Cicadellidae): | | | | | |
| Airplane | Mexico | | 1 | | Tex. |
| *Orchidophilus aterrimus* Waterh. (Curculionidae): | | | | | |
| Orchid | Hawaii | 1 | | | Hawaii. |
| Vanda "Miss Joaquin" (orchid) | do | 1 | | | Hawaii. |
| *Vanda* sp | do | 1 | | | Hawaii. |
| *Orsillus depressus* (Muls. & Rey) (Lygaeidae): | | | | | |
| *Cupressus* sp | Greece | | | 1 | N. Y. |
| *Orthezia pseudinsignis* Morr. (Coccidae): | | | | | |
| *Gardenia augusta* (gardenia) | Mexico | 1 | | | Ill. |
| *Ortholomus jamaicensis* (Dallas) (?) (Lygaeidae): | | | | | |
| *Crotalaria* sp | Guatemala | | | 1 | Tex. |
| *Orthotylus ericetorum* (Fall.) (Miridae): | | | | | |
| *Calluna vulgaris* (heather) | Scotland | 2 | | | Ill., N. Y. |

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| | | Consumption | Non-entry | Propagation | |
| *Oscinella dampfi* Ald. (Chloropidae): | | | | | |
| *Gladiolus* sp. | Mexico | 1 | | | Tex. |
| *Ozycarenus bicolor* Fieber (Lygaeidae): | | | | | |
| *Cymbidium* sp. (orchid) | Australia | 1 | | | Hawaii. |
| *Ozycarenus hyalinipennis* (Costa) (Lygaeidae): | | | | | |
| *Gossypium* sp. (cotton; boll) | Israel | 1 | | | N. Y. |
| *Hibiscus cannabinus* | Afghanistan | | | 1 | D. C. |
| *Ozydema fusiforme* Woll. (Curculionidae): | | | | | |
| *Cocos nucifera* (coconut) | Hawaii | 1 | | | Hawaii. |
| *Saccharum officinarum* (sugarcane) | do | 1 | | | Hawaii. |
| *Vanda* sp. (orchid) | do | 1 | | | Hawaii. |
| Wrapping of parcel | do | 4 | | | Hawaii. |
| *Ozydema longulus* (Boh.) (Curculionidae): | | | | | |
| *Cordyline terminalis* (ti) | do | 2 | | 1 | Hawaii. |
| *Ozygrylius ruginasus* (Lec.) (Scarabaeidae): | | | | | |
| *Citrus aurantifolia* (lime) | Mexico | 1 | | | Tex. |
| *Ozophora consanguineus* (Dist.) (Lygaeidae): | | | | | |
| Orchid | do | | | 2 | Ariz., Tex. |
| *Pachodynerus nasidens* (Latr.) (Vespidae): | | | | | |
| Airplane | Guam, Hawaii | | 2 | | Hawaii, Tex. |
| *Pachybrachius nigriceps* (Dallas) (Lygaeidae): | | | | | |
| Airplane | Kwajalein, South Pacific | | 2 | | Hawaii. |
| *Pachyzancla perusalis* (Wlk.) (Pyraustidae): | | | | | |
| *Solanum nigrum* (black nightshade) | Puerto Rico | 1 | | | Ill. |
| *Palaeopus costicollis* Mshll. (Curculionidae): | | | | | |
| *Zingiber officinale* (ginger) | Jamaica | 1 | | | D. C. |
| *Pangaeus piceatus* Stal (Pentatomidae): | | | | | |
| Orchid | Mexico | | | 1 | Tex. |
| *Pangaeus rugifrons* Sign. (Pentatomidae): | | | | | |
| *Ananas comosus* (pineapple) | do | 1 | | | Tex. |
| *Pantomorus godmani* (Crotch) (Curculionidae): | | | | | |
| Baggage | Hawaii | 1 | | | Hawaii. |
| *Bougainvillea* sp | do | 1 | | | Hawaii. |
| *Cordyline terminalis* (ti) | do | 1 | | 1 | Hawaii. |
| Flowers | do | 1 | | | Hawaii. |
| *Prunus persica* (peach) | Chile, Union of South Africa. | 2 | | | N. Y. |
| *Vanda* sp. (orchid) | Hawaii | 1 | | | Hawaii. |
| *Vitis* sp. (grape) | Chile | 2 | | | N. Y. |
| Wrapping | Hawaii | 1 | | | Hawaii. |
| *Paragonatas divergens* (Dist.) (Lygaeidae): | | | | | |
| *Philodendron* sp. | Mexico | | | 1 | Tex. |
| *Paratetranychus pratensis* (Banks) (Tetranychidae): | | | | | |
| *Innochloa* spp | China | 1 | | | Hawaii. |
| *Paratrioza cockerelli* (Sulc.) (Psyllidae): | | | | | |
| Airplane | Mexico | | 1 | | Tex. |
| *Parlatoria camelliae* Comst. (Coccidae): | | | | | |
| *Camellia japonica* (camellia) | Japan | | | 2 | Calif.*, N. J |
| *Parlatoria cinerea* Hadden (Coccidae): | | | | | |
| *Citrus aurantifolia* (lime) | Cuba | 1 | | | Fla.* |
| *Citrus aurantifolia* (sour lime) | Argentina | | 1 | | Calif.* |
| *Citrus reticulata* (Mandarin orange) | Mexico | | 1 | | Calif.* |
| *Citrus sinensis* (orange) | Argentina, Brazil, Mexico, Peru, Trinidad, Union of South Africa. | | 11 | | Calif.*, Fla.*, Pa. |
| *Parlatoria crotonis* Dougl. (Coccidae): | | | | | |
| *Codiaeum* sp. (croton) | Hawaii | 1 | | | Hawaii. |
| *Parlatoria crypta* McKenzie (Coccidae): | | | | | |
| *Grewia asiatica* (phalsa) | Pakistan | | | 1 | D. C. |
| *Mangifera indica* (mango) | do | | | 1 | D. C. |
| *Parlatoria oleae* (Colvee) (Coccidae): | | | | | |
| *Diospyros* sp. (persimmon) | Italy | | 1 | | Pa. |
| *Malus sylvestris* (apple) | Canada, Italy | 3 | | | N. Y. |
| *Mespilus germanica* (medlar) | Italy | 1 | | | N. Y. |
| *Prunus amygdalus* (almond) | Greece | | | 1 | D. C. |
| *Pyrus communis* (pear) | Algeria | | 1 | | N. Y. |
| *Sorbus* sp. | Italy | 1 | | | N. Y. |
| *Parlatoria proteus* (Curt.) (Coccidae): | | | | | |
| *Renanthera* sp. (orchid) | Thailand | | | 1 | N. J |

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| *Parlatoria pseudaspidiotus* Ldgr. (Coccidae): | | | | | |
| *Vanda batemani* (orchid) | Thailand | ---- | ---- | 1 | N. J. |
| *Vanda* sp | Canal Zone, Ceylon, Hawaii, Thailand. | ---- | ---- | 6 | Calif.*, Fla., Hawaii. |
| *Parlatoria theae* Ckll. (Coccidae): | | | | | |
| *Acer* sp. (maple) | Japan | ---- | ---- | 2 | Calif.*, Wash. |
| *Prunus* sp. (flowering cherry) | do | ---- | ---- | 1 | Calif.* |
| *Prunus* sp | do | ---- | 1 | 1 | Calif.* |
| *Parlatoria zizyphus* (Lucas) (Coccidae): | | | | | |
| *Citrus aurantifolia* (lime) | Phillippines | 1 | ---- | ---- | Hawaii. |
| *Citrus aurantifolia* (sour lime) | Nigeria | ---- | 1 | ---- | Pa. |
| *Citrus limon* (lemon) | France (?), Italy, Spain, unknown. | ---- | 4 | ---- | Calif.*, Ill., Mass. |
| *Citrus paradisi* (grapefruit) | British Guiana | ---- | 1 | ---- | Mich. |
| *Citrus reticulata* (Mandarin orange) | Japan | 1 | ---- | ---- | Hawaii. |
| *Citrus sinensis* (orange) | Spain | ---- | 1 | ---- | Calif.* |
| *Citrus* sp. (orange) | Formosa | 1 | ---- | ---- | Hawaii. |
| *Citrus* sp | Haiti | 1 | ---- | ---- | Fla.* |
| *Paromius longulus* (Dallas) (Lygaeidae): | | | | | |
| Orchid | Mexico | ---- | ---- | 3 | Tex. |
| *Passaloecus luzonensis* Roh. (Sphecidae): | | | | | |
| Airplane | Hawaii | ---- | 1 | ---- | Hawaii. |
| *Pealius hibisci* (Kot.) (Aleyrodidae): | | | | | |
| *Gardenia* sp | do | 1 | ---- | ---- | Calif.* |
| *Hibiscus* sp | do | ---- | ---- | 1 | Hawaii. |
| *Pectinophora gossypiella* (Saund.) (Gelechiidae): | | | | | |
| *Gossypium* sp. (cotton; boll) | Hawaii, Mexico | 1 | 1 | ---- | Hawaii, Tex. |
| *Gossypium* sp. (cotton; lock) | Mexico | 1 | ---- | ---- | Tex. |
| *Gossypium* sp. (cottonseed) | Brazil, Jamaica, Japan, Mexico, Trinidad. | 12 | ---- | 1 | D. C., La., Mass., N. Y., Tex. |
| *Gossypium* sp. (seed cotton) | Mexico | 21 | 2 | ---- | Tex. |
| *Pentacora signoretti* (G.-M.) (Saldidae): | | | | | |
| Airplane | do | ---- | 1 | ---- | Hawaii. |
| *Pentalonia nigronervosa* Coq. (Aphidae): | | | | | |
| *Alpinia* sp. (red ginger) | Hawaii | 1 | ---- | ---- | Hawaii. |
| *Caladium* sp | Mexico | ---- | ---- | 1 | Calif.* |
| *Calathea insignis* | Costa Rica | ---- | ---- | 1 | Hawaii. |
| *Musacea* sp | Panama | ---- | 1 | ---- | La. |
| Soil with banana rhizomes | Bermuda | ---- | ---- | 1 | N. Y. |
| *Peridroma margaritosa* (Haw.) (Phalaenidae): | | | | | |
| *Amaryllis* sp | do | 1 | ---- | ---- | N. Y. |
| *Apium graveolens* (celery) | Spain | ---- | 1 | ---- | Tex. |
| *Chrysanthemum* sp | Mexico | 1 | ---- | ---- | Tex. |
| *Lactuca sativa* (lettuce) | do | ---- | 1 | ---- | Tex. |
| Succulent—unknown | do | ---- | ---- | 1 | Tex. |
| *Periphyllus californiensis* (Shinji) (Aphidae): | | | | | |
| *Acer palmatum* (Japanese maple) | Netherlands | ---- | ---- | 1 | N. J. |
| *Acer palmatum* var | do | ---- | ---- | 1 | N. J. |
| *Acer* sp. (maple) | England | ---- | 1 | ---- | Mass. |
| *Peritrechus sylvestris* (F.) (Lygaeidae): | | | | | |
| Soil with roots of various plants | Sweden | ---- | ---- | 1 | Ill. |
| *Perkinsiella saccharicida* Kirk. (Delphacidae): | | | | | |
| Airplane | Eniwetok (?), Hawaii | ---- | 6 | ---- | Hawaii. |
| *Perkinsiella vitiensis* Kirk. (Delphacidae): | | | | | |
| Airplane | Fiji | ---- | 2 | ---- | Hawaii. |
| *Phalonia zephyrana* (Treit.) (Phaloniidae): | | | | | |
| *Daucus carota* (carrot) | Germany, Italy | ---- | 3 | ---- | Md., Tex. |
| *Pheidole megacephala* (F.) (Formicidae): | | | | | |
| *Bulbophyllum* sp | New Guinea | ---- | ---- | 1 | Hawaii. |
| *Caryota* sp | Cuba | ---- | ---- | 1 | N. J. |
| *Lansium* sp | Phillippines | 1 | ---- | ---- | Hawaii. |
| Orchid | Canal Zone, Honduras | ---- | ---- | 4 | Fla., Hawaii. |
| Soil with banana rhizomes | Bermuda | ---- | ---- | 1 | N. Y. |
| Soil on root of unknown plant | do | 1 | ---- | ---- | Va. |
| *Stenotaphrum secundatum* (St. Augustine grass) | do | ---- | ---- | 2 | Ala. |
| *Phelomerus aberrans* (Sharp) (Bruchidae): | | | | | |
| *Cassia grandis* (pink-shower) | Costa Rica | 1 | ---- | ---- | La. |
| *Phelypera distigma* Boh. (Curculionidae): | | | | | |
| Orchid | Mexico | ---- | ---- | 1 | Calif.* |

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

[An asterisk indicates State inspection]

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Phenacaspis aucubae* (Cooley) (Coccidae): | | | | | |
| *Aucuba* sp | Japan | | 1 | | Ga. |
| *Phenacaspis pinifoliae* (Fitch) (?) (Coccidae): | | | | | |
| *Pinus sylvestris* (Scotch pine) | Canada | 1 | | | N. Y. |
| *Phenacaspis sandwicensis* Full. (Coccidae): | | | | | |
| *Bryophyllum* sp | Hawaii | | | 2 | Hawaii. |
| *Cocos nucifera* (coconut) | do | 4 | | | Hawaii. |
| *Strelitzia reginae* (bird-of-paradise-flower) | do | | | 1 | Hawaii. |
| *Phenacoccus gossypii* (Towns. & Ckll.) (Coccidae): | | | | | |
| *Acalypha* sp. (copperleaf) | Mexico | | | 1 | Tex. |
| *Codiaeum* sp. (croton) | Bahamas, Bermuda | 1 | | 1 | Fla.*, N. Y. |
| *Phenacoccus solenopsis* Tinsl. (Coccidae): | | | | | |
| Herb | Mexico | 1 | | | Tex. |
| *Phenacoccus stelli* (Brain) (Coccidae): | | | | | |
| *Protea* sp | Union of South Africa | 1 | | | N. Y. |
| *Philaenus leucophthalmus* (L.) (Cercopidae): | | | | | |
| *Lactuca sativa* (lettuce) | Canada | | | 1 | N. Y. |
| *Lilium* sp. (lily) | do | | | 1 | N. Y. |
| *Phlegyas annulicrus* Stal (Lygaeidae): | | | | | |
| Orchid and bromeliad plants | Mexico | | | 1 | Ariz. |
| *Phloeotribus scarabaeoides* (Bern.) (Scolytidae): | | | | | |
| *Oleo europaea* (olive) | Italy | | | 1 | N. Y. |
| *Phlyctinus callosus* Boh. (Curculionidae): | | | | | |
| *Vitis vinifera* (European grape) | Union of South Africa | 3 | | | N. Y. |
| *Vitis* sp. (grape) | do | 9 | | | N. Y. |
| *Phyllecthrus subsulcata* Horn (Chrysomelidae): | | | | | |
| *Zea mays* (corn) | Mexico | 1 | | | Ariz. |
| *Phyllophaga congrua* (Lec.) (Scarabaeidae): | | | | | |
| Airplane | Central America | | 1 | | La. |
| *Phyllotreta aeneicollis* (Cr.) (Chrysomelidae): | | | | | |
| Airplane | Mexico | | 1 | | Tex. |
| *Brassica* sp | Cuba | | 1 | | Tex. |
| *Phytomyza atricornis* Meig. (?) (Agromyzidae): | | | | | |
| *Chrysanthemum* sp | England | | 1 | | N. Y. |
| *Mentha* sp. (mint) | Portugal | | | 1 | Mass. |
| *Phytomyza rufipes* Meig. (Agromyzidae): | | | | | |
| *Brassica oleracea botrytis* (cauliflower) | England, France, Germany, Netherlands, Sweden. | | 25 | | Ala., N. Y., Pa., Tex. |
| *Brassica oleracea capitata* (cabbage) | Belgium, England, Netherlands. | | 10 | | Pa., Tex. |
| *Cichorium endivia* (endive) | Belgium | 7 | | | N. Y. |
| *Daucus carota* (carrot) | Netherlands | | 1 | | Ala. |
| *Lactuca sativa* (lettuce) | England, Germany | | 2 | | D. C., Pa. |
| *Pieris brassicae* (L.) (Pieridae): | | | | | |
| *Brassica oleracea capitata* (cabbage) | Italy | | 1 | | N. Y. |
| *Pinnaspis buxi* (Bouche) (Coccidae): | | | | | |
| *Anthurium antrophyoides* | Colombia | | | 1 | N. J. |
| *Anthurium* sp | Hawaii | | | 1 | Hawaii. |
| *Cordyline terminalis* (ti) | do | 1 | | 2 | Hawaii. |
| *Cordyline* sp | do | 2 | | 1 | Hawaii. |
| *Dracaena* sp | Trinidad | 1 | | | Fla. |
| *Monstera pertusa* | England | | | 1 | N. J. |
| *Monstera* sp | Hawaii | 2 | | | Hawaii. |
| *Palm* | Cuba | | 1 | | Mass. |
| *Philodendron* sp | Hawaii | | | 1 | Hawaii. |
| *Scindapsus* sp | do | 1 | | | Hawaii. |
| *Strelitzia* sp | do | 1 | | | Hawaii. |
| *Pinnaspis pattersoni* Green & Laing (tentative) (Coccidae): | | | | | |
| *Rauwolfia vomitoria* | Belgian Congo | | | 1 | D. C. |
| *Pinnaspis theae* (Green) (?) (Coccidae): | | | | | |
| *Piper nigrum* (black pepper) | Indonesia | | | 1 | D. C. |
| *Plagiodera semivittata* Stal (Chrysomelidae): | | | | | |
| Orchid | Mexico | | | 5 | Calif.,* Tex. |
| *Platycarenus humilus* (Hsiao & Saller) (Pentatomidae): | | | | | |
| Orchid | do | | | 1 | Tex. |
| *Persea americana* (avocado) | do | | | 1 | Tex. |

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

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| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Platynota rostrana* (Wlk.) (Tortricidae): | | | | | |
| *Ananas comosus* (pineapple) | Dominican Republic | | | 1 | P. R. |
| *Solanum melongena* (eggplant) | Cuba | 1 | | | Fla.* |
| *Platynota rostrana* (Wlk.) (?) (Tortricidae): | | | | | |
| *Ananas comosus* (pineapple) | do | 1 | | | Fla.* |
| *Epidendrum atropurpureum* (orchid) | Canal Zone | | | 1 | Fla. |
| *Plusia chalcites* (Esp.) (Phalaenidae): | | | | | |
| Airplane | Hawaii | | 1 | | Hawaii. |
| *Plusia chalcites* (Esp.) (?) (Phalaenidae): | | | | | |
| *Anthurium* sp | do | | | 1 | Hawaii. |
| *Vanda* sp. (orchid) | do | 2 | | | Hawaii. |
| "*Poliaspis*" *pini* Mask. (Coccidae): | | | | | |
| *Pinus* sp. (pine) | Japan, Mexico | | 1 | 2 | Calif.,* Pa., Wash. |
| *Polychrosis botrana* (Schiff.) (Olethreutidae): | | | | | |
| *Vitis* sp. (grape) | France, Italy | 2 | 2 | | Mass., N. Y. |
| *Porthetria mathura* Moore (?) (Lymantriidae): | | | | | |
| *Pinus* sp. (pine) | Japan | | | 1 | Hawaii. |
| *Prays oleellus* (F.) (Hyponomeutidae): | | | | | |
| *Olea europaea* (olive) | Italy, Yugoslavia | 2 | | | N. Y. |
| *Prodenia eridania* (Cram.) (Phalaenidae): | | | | | |
| *Coriandrum sativum* (coriander) | Mexico | 1 | | | Tex. |
| Flowers—assorted | Bermuda | 2 | | | Mass. |
| *Gladiolus* sp | Bermuda, Cuba | 1 | 1 | | Fla.,* N. Y. |
| *Lycopersicon esculentum* (tomato) | Mexico | 1 | | | Tex. |
| *Musa paradisiaca* (plantain) | Honduras | 1 | | | N. Y. |
| *Zinnia* sp | Bermuda | | 1 | | N. Y. |
| *Prodenia litura* (F.) (Phalaenidae): | | | | | |
| Airplane | Guam, Japan, unknown | | 3 | | Hawaii. |
| *Prodenia ornithogalli* Guen. (Phalaenidae): | | | | | |
| Flowers—assorted | Bermuda | 1 | | | Mass. |
| *Gladiolus* sp | do | 1 | | | N. Y. |
| *Prostephanus truncatus* (Horn) (Bostrichidae): | | | | | |
| Bean | Mexico | 1 | | | Ariz. |
| Wooden box | do | 1 | | | Calif.* |
| *Protopulvinaria longivalvata* (Green) (Coccidae): | | | | | |
| *Capsicum frutescens* (pepper) | Dominica | | | 1 | P. R. |
| *Gardenia augusta* (gardenia) | Guatemala, Trinidad, Venezuela. | 3 | | | Calif.,* P. R. |
| *Ixora* sp | Trinidad | | | 1 | Fla. |
| *Protopulvinaria pyriformis* Ckll. (Coccidae): | | | | | |
| Leaf | Bahamas | 1 | | | Fla.* |
| *Psara licarsisalis* (Wlk.) (Pyraustidae): | | | | | |
| Airplane | West Pacific | | 1 | | Hawaii. |
| *Pseudaonidia clavigera* (Ckll.) (Coccidae): | | | | | |
| *Gardenia* sp | Guam, Hawaii | 2 | | | Calif.* |
| Unidentified cutting | Guam | | | 1 | Calif.* |
| *Pseudaonidia trilobitiformis* (Green) (Coccidae): | | | | | |
| *Citrus aurantifolia* (lime) | Brazil | | 1 | | Calif.* |
| *Citrus limon* (lemon) | Argentina | | 1 | | Calif.* |
| *Citrus sinensis* (orange) | Dominica | 1 | | | St. Thomas & St. John. |
| *Ixora* sp | Canal Zone, Trinidad | 1 | | 1 | Fla., N. J. |
| *Mangifera indica* (mango) | Philippines | 1 | | | Hawaii. |
| *Pseudischnaspis alienus* (Newst.) (Coccidae): | | | | | |
| *Epidendrum* sp. (orchid) | Mexico | | | 1 | Tex. |
| Orchid | Costa Rica, Honduras, Mexico. | | | 8 | Calif.,* Fla., N.Y., Tex. |
| *Persea americana* (avocado) | Mexico | | | 1 | Tex. |
| *Pseudococcus boninsis* (Kuw.) (Coccidae): | | | | | |
| *Stenotaphrum secundatum* (St. Augustine grass) | Bermuda | | | 1 | Ala. |
| *Pseudococcus gahani* Green (Coccidae): | | | | | |
| *Malus sylvestris* (apple) | Italy | 1 | | | N. Y. |
| *Pseudococcus lilacinus* Ckll. (Coccidae): | | | | | |
| *Euphoria longan* (longan) | Philippines | 1 | | | Hawaii. |
| *Lansium domesticum* (domestic langsat) | do | 1 | | | Wash. |
| *Pseudococcus matsumotoi* Shiraiwa (Coccidae): | | | | | |
| *Chaenomeles* sp | Japan | | | 1 | Hawaii. |
| *Pseudococcus palmarum* (Ehrh.) (Coccidae): | | | | | |
| *Cocos nucifera* (coconut) | Hawaii | 2 | | | Hawaii. |

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| | | Consumption | Non-entry | Propagation | |
| *Pseudococcus pini* (Kuw.) (Coccidae): | | | | | |
| *Pinus pentaphylla* | Japan | | | 2 | Hawaii. |
| *Pinus* sp. (5-leaved pine) | do | | | 1 | Hawaii. |
| *Pseudoparlatoria ostreata* Ckll. (Coccidae): | | | | | |
| *Oncidium luridum* (orchid) | Jamaica | | | 1 | Fla. |
| Orchid | Honduras | | | 1 | Fla. |
| *Psylla buxi* (L.) (Psyllidae): | | | | | |
| *Buxus* sp. | England, unknown | | 2 | | Mass. |
| *Psylla rhododendri* Puton (Psyllidae): | | | | | |
| *Rhododendron ferrugineum* | Switzerland | 2 | | | N. J. |
| *Pulvinaria horii* Kuw. (Coccidae): | | | | | |
| *Zelkova* sp. | Japan | | | 1 | Calif.* |
| *Pulvinaria psidii* Mask. (Coccidae): | | | | | |
| *Alpinia* sp. (red ginger) | Hawaii | 1 | | | Hawaii. |
| *Anthurium* sp. | Trinidad | | | 1 | Fla. |
| Araceae | Panama | | | 1 | Fla. |
| *Coffea* sp. (coffee) | Hawaii | 1 | | | Hawaii. |
| *Gardenia augusta* (gardenia) | do | 4 | | 1 | Hawaii. |
| *Kalanchoe* sp. | do | 1 | | | Hawaii. |
| *Myrtus* sp. (myrtle) | Antigua | 1 | | | St. Thomas & St. John. |
| *Plumeria* sp. | Hawaii | | | 1 | Hawaii. |
| *Pulvinaria vitis* (L.) (Coccidae): | | | | | |
| *Sorbus* sp. | England | | | 1 | N. J. |
| *Puto barberi* (Ckll.) (Coccidae): | | | | | |
| *Chrysanthemum* sp. | Trinidad | 1 | | | P. R. |
| *Puto spinosus* (Rob.) (Coccidae): | | | | | |
| *Mangifera indica* (mango) | Philippines | 1 | | | Hawaii. |
| *Puto ulter* Ferris (Coccidae): | | | | | |
| *Lycaste* sp. (orchid) | Guatemala | | | 1 | Fla. |
| *Odontoglossum* sp. (orchid) | do | | | 2 | Hawaii. |
| *Pygopleurus vulpes* probably *chrysonota* Brulle (Scarabaeidae): | | | | | |
| Flowers and plant material | Italy | | | 1 | N. Y. |
| *Pyrausta nubilalis* (Hbn.) (Pyraustidae): | | | | | |
| *Capsicum frutescens* (pepper) | do | | 1 | | Pa. |
| *Capsicum frutescens longum* (chili pepper) | do | | 1 | | N. Y. |
| *Castanea* sp. (chestnut) | do | 1 | | | Mass. |
| *Dahlia* sp. | Japan | | 1 | | Hawaii. |
| *Gladiolus* sp. | England | | 1 | | Mass. |
| *Phaseolus vulgaris* var. (string bean) | Japan | | 2 | | Wash. |
| *Solanum* sp. | do | | 1 | | Wash. |
| *Zea mays* (corn) | Italy | 5 | | | La., N. Y. |
| *Pyrrhocoris apterus* (L.) (Pyrrhocoridae): | | | | | |
| Soil around ivy plant and moss | Unknown | | | 1 | N. Y. |
| *Reticulitermes flavipes* (Kol.) (Rhinotermitidae): | | | | | |
| *Armeria* sp. (statice) | Mexico | 1 | | | Tex. |
| *Rhagoletis cerasi* (L.) (Tephritidae): | | | | | |
| *Prunus* sp. (cherry) | Europe, France, Germany, Italy, Sweden, Yugoslavia. | 2 | 13 | | Mass., N. Y. |
| *Rhagoletis cerasi* (L.) (?) (Tephritidae): | | | | | |
| *Malus sylvestris* (apple) | Azores | 1 | | | Mass. |
| *Passiflora* sp. | do | 1 | | | Mass. |
| *Prunus* sp. (cherry) | Sweden | 1 | | | Pa. |
| *Rhagoletis pomonella* (Walsh) (Tephritidae): | | | | | |
| *Malus sylvestris* (apple) | Mexico | 5 | | | Tex. |
| *Rhopalosiphoninus tulipaella* (Theob.) (Aphidae): | | | | | |
| *Tulipa* sp. (tulip) | Netherlands | | | 2 | Tex. |
| *Ribua innoxia* Heln. (Phycitidae): | | | | | |
| *Ananas comosus* (pineapple) | Cuba | 8 | | | Fla.,* La., N. Y. |
| *Scaphoideus albovittatus* Mats. (Cicadellidae): | | | | | |
| Airplane | Japan | | 1 | | Hawaii. |
| *Schoenobius incertulas* (Wlk.) (Schoenobiidae): | | | | | |
| Airplane | do | | 1 | | Hawaii. |
| *Scolopostethus decoratus* (Hahn) (Lygaeidae): | | | | | |
| *Calluna vulgaris* (heather) | Scotland | 1 | | | Ill. |
| *Selenothrips rubrocinctus* (Giard) (Thripidae): | | | | | |
| *Celosia argentea* (cockscomb) | Cuba | 1 | | | Fla.* |

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|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Selenothrips rubrocinctus*—Continued | | | | | |
| *Codiaeum* sp. (croton) | Hawaii | 1 | | | Hawaii. |
| *Trifolium* sp. (clover) | Cuba | 1 | | | Fla.* |
| *Sesamia cretica* Led. (Phalaenidae): | | | | | |
| *Sorghum vulgare technicum* (broomcorn) | Greece, Italy, Turkey | 9 | | | Md., N. Y., Tex. |
| *Zea mays* (corn) | Algeria | | 1 | | N. Y. |
| *Sidemia depravata* (Butler) (?) (Phalaenidae): | | | | | |
| Airplane | Unknown | | 1 | | Hawaii. |
| *Sinoxylon anale* Losne (Bostrichidae): | | | | | |
| Wooden case | Pakistan | 1 | | | Calif.* |
| *Sinoxylon ceratoniae* L. (Bostrichidae): | | | | | |
| Wood | Egypt | 1 | | | Calif.* |
| *Sinoxylon conigerum* Gerst. (Bostrichidae): | | | | | |
| Wood | India | 1 | | | Calif.* |
| *Siphoninus phillyreae* (Hal.) (Aleyrodidae): | | | | | |
| *Punica granatum* (pomegranate) | Greece | 1 | | | Mass. |
| *Sitannes contractus* Dist. (Lygaeidae): | | | | | |
| *Ananas comosus* (pineapple) | Mexico | 1 | | | Tex. |
| *Sitonia hispidula* F. (Curculionidae): | | | | | |
| *Helichrysum* sp | Germany | 1 | | | N. Y. |
| Soil | Canada | | | 1 | N. Y. |
| *Sitona lineata* (L.) (Curculionidae): | | | | | |
| *Freesia* sp | Netherlands | 1 | | | N. Y. |
| *Specularius impressithorax* (Pic) (Bruchidae): | | | | | |
| *Erythrina* sp | Rhodesia | | | 1 | N. Y. |
| *Spodoptera mauritia* (Bdv.) (Phalaenidae): | | | | | |
| Airplane | Hawaii | | 2 | | Hawaii. |
| *Stenoma catenifer* Wlsm. (Stenomidae): | | | | | |
| *Persea americana* (avocado) | Brazil, Central America, Ecuador, Mexico, Panama, Salvador. | 15 | 5 | 1 | Calif.*, La., P. R., Tex. |
| *Stephanitis pyri* (F.) (Tingidae): | | | | | |
| *Pyracantha* sp | Greece | 1 | | | N. Y. |
| *Stephanitis pyroides* (Scott) (Tingidae): | | | | | |
| *Rhododendron* sp | Japan | | | 1 | Wash. |
| *Sternochetus mangiferae* (L.) (Curculionidae): | | | | | |
| *Mangifera indica* (mango) | Fiji, Hawai, India | 16 | 1 | | Calif.*, Hawaii, N. Y. |
| *Strophosoma limbatus* F. (Curculionidae): | | | | | |
| *Calluna vulgaris* (heather) | Scotland | 1 | | | N. Y. |
| *Strophosoma melanogrammum* Forst. (Curculionidae): | | | | | |
| *Calluna vulgaris* (heather) | do | 1 | | | N. Y. |
| *Sybra alternans* (Wied.) (Cerambycidae): | | | | | |
| Airplane | Hawaii | | 1 | | Hawaii. |
| *Cocos nucifera* (coconut) | do | 1 | | | Hawaii. |
| *Cordyline terminalis* (ti) | do | | | 1 | Hawaii. |
| Flowers—assorted | do | 2 | | | Hawaii. |
| *Heliconia* sp | do | 1 | | | Hawaii. |
| *Operculina tuberosa* (wood-rose) | do | 1 | | | Hawaii. |
| *Strelitzia reginae* (bird-of-paradise-flower) | do | 1 | | | Hawaii. |
| *Wrapping* | do | 1 | | | Hawaii. |
| *Systole geniculata* Foerst. (Eurytomidae): | | | | | |
| *Daucus carota* (carrot) | Afghanistan | | | 1 | D. C. |
| Flowers | Haiti | 1 | | | P. R. |
| *Taeniothrips vulgatissimus* (Hal.) (Thripidae): | | | | | |
| *Brassica oleracea capitata* (cabbage) | England | | 1 | | Pa. |
| *Talponia batesi* Hein. (Olethreutidae): | | | | | |
| *Annona cherimola* (cherimoya) | Mexico | 2 | | | Tex. |
| *Tapinaspis wesmaeli* (Boh.) (Chrysomelidae): | | | | | |
| *Chamaedorea* sp | do | 1 | | | Tex. |
| "*Targionia*" *bromeliae* (Leon.) (Coccidae): | | | | | |
| *Ananas comosus* (pineapple) | do | 3 | | | Tex. |
| "*Targionia*" *hartii* (Ckll.) (Coccidae): | | | | | |
| *Dioscorea* sp. (yam) | Canal Zone, Cuba, Nigeria, St. Kitts. | 4 | | 1 | Fla.*, N. Y., Oreg., St. Croix. |
| "*Targionia*" *sacchari* (Ckll.) (Coccidae): | | | | | |
| *Saccharum officinarum* (sugarcane) | Bahamas, Martinique (?). | 1 | 1 | | N. Y., Tex. |

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| | | Consumption | Non-entry | Propagation | |
| *Tarsonemus laticeps* Halb. (Tarsonemidae): | | | | | |
| *Narcissus* sp. | Ireland | | | 2 | N. J. |
| *Tempyra biguttula* Stal (Lygaeidae): | | | | | |
| Orchid | Mexico | | | 1 | Tex. |
| *Tenthecoris angustimarginatus* Hsiao & Sailer (Miridae): | | | | | |
| Orchid | do | | | 1 | Tex. |
| *Tenthecoris bicolor* Scott (Miridae): | | | | | |
| *Cycnoches chlorochilon* | Canal Zone | | | 1 | Calif.* |
| Orchid | Mexico | | | 6 | Tex. |
| *Tenthecoris confusus* Hsiao & Sailer (Miridae): | | | | | |
| Orchid | Honduras, Mexico | | | 15 | Ariz., Calif.*, Fla., Tex. |
| *Tenthecoris distinguendus* Hsiao & Sailer (Miridae): | | | | | |
| *Epidendrum* sp. (orchid) | Canal Zone | | | 1 | Hawaii. |
| *Tenuipalpus pacificus* Baker (Phytoptipalpidae): | | | | | |
| *Cattleya dowiana* (orchid) | do | | | 1 | Fla. |
| *Tenuirostitermes cinereus* (Buckley) (Termitidae): | | | | | |
| Orchid | Mexico | | | 4 | Tex. |
| *Tetraleurodes acaciae* (Q.) (Aleyrodidae): | | | | | |
| Leaf | do | 2 | | | Ariz., Tex. |
| Legume foliage | do | 1 | | | Ariz. |
| *Tetraleurodes ursorum* (Ckll.) (Aleyrodidae): | | | | | |
| Hardwood shrub | do | 1 | | | Tex. |
| Herb | do | 1 | | | Tex. |
| Leaf | do | 1 | | | Tex. |
| *Tetranychus cucurbitae* R. & S. (Tetranychidae): | | | | | |
| *Codiaeum variegatum* (eroton) | Hawaii | | | 1 | Calif.* |
| *Tetranychus desertorum* Banks (Tetranychidae): | | | | | |
| *Trifolium* sp. (clover) | Guatemala | 1 | | | Tex. |
| *Tetranychus mariannae* McG. (Tetranychidae): | | | | | |
| Orchid | Costa Rica | | | 1 | Fla. |
| *Tetranychus piercei* McG. (Tetranychidae): | | | | | |
| *Dendrobium* sp. (orchid) | India | | | 1 | N. J. |
| *Tetranychus tumidus* Banks (Tetranychidae): | | | | | |
| *Codiaeum* sp. (croton) | St. Kitts | | | 1 | P. R. |
| *Tetraphana daphne* Druce (Schoenobiidae): | | | | | |
| *Philodendron* sp | Costa Rica | | | 1 | Fla. |
| *Texananus spatulatus* (Van D.) (Cicadellidae): | | | | | |
| Airplane | Eniwetok | | 1 | | Hawaii. |
| *Theba pisana* (Muller) (Mollusca): | | | | | |
| *Cynara scolymus* (globe artichoke) | Italy | | 1 | | N. Y. |
| *Lactuca sativa* (lettuce) | Germany | | 1 | | D. C. |
| Refrigerator | Unknown | | 1 | | Mass. |
| *Theba pisana* (Muller) (?) (Mollusca): | | | | | |
| *Lactuca sativa* (lettuce) | Netherlands | | 1 | | Pa. |
| *Thecla ziba* Hew. (Lycaenidae): | | | | | |
| *Ananas comosus* (pineapple) | Mexico | 17 | | | Tex. |
| *Tingis cardui* (L.) (?) (Tingidae): | | | | | |
| *Cirsium* sp. (thistle) | Scotland | 1 | | | N. Y. |
| *Trialeurodes vaporariorum* (Westw.) (Aleyrodidae): | | | | | |
| *Ruta graveolens* | Mexico | 1 | | | Ariz. |
| *Trialeurodes variabilis* (Q.) (Aleyrodidae): | | | | | |
| Leaf | do | | | 1 | Ariz. |
| Sapote | do | 2 | | | Ariz., Tex. |
| *Trialeurodes vitrinellus* Ckll. (Aleyrodidae): | | | | | |
| *Citrus* sp., probably *limon* (lemon) | do | 1 | | | Tex. |
| *Citrus* sp. | do | 1 | | | Tex. |
| *Trionymus sacchari* (Ckll.) (Coccidae): | | | | | |
| *Saccharum officinarum* (sugarcane) | Antigua, Hawaii | 2 | | | Hawaii, St. Thomas & St. John. |
| *Trogoderma granarium* Everts (Dermestidae): | | | | | |
| *Arachis hypogaea* (peanut) | India | 1 | | | N. Y. |
| Floor sweepings in flour mill | Mexico | 1 | | | Calif. |
| *Hordeum* sp. (barley) | Afghanistan | | | 1 | D. C. |
| On rice bag | Formosa | | 1 | | Md. |
| *Triticum aestivum* (wheat) | Mexico | 1 | | | Calif. |

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

[An asterisk indicates State inspection]

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Trogoderma parabile* Beal (Dermestidae): | | | | | |
| Grain | Mexico | 1 | | | Calif. |
| *Triticum aestivum* (wheat) | do | 1 | | | Calif. |
| *Trogoxylon aequale* (Woll.) (Lyctidae): | | | | | |
| Box containing dishes | Japan (?) | 1 | | | Hawaii. |
| *Trogoxylon prostomoides* (Gorham) (Lyctidae): | | | | | |
| Bamboo | Mexico | 2 | | | Oreg. |
| *Tyrophagus infestans* (Berl.) (Acaridae): | | | | | |
| *Cucumis sativus* (cucumber) | Brazil | | 1 | | Pa. |
| *Daucus carota* (carrot) | Australia | | 1 | | Pa. |
| *Solanum melongena* (eggplant) | Egypt | | 1 | | Mass. |
| *Unaspis citri* (Comst.) (Coccidae): | | | | | |
| *Citrus paradisi* (grapefruit) | Colombia, Dominica, Mexico. | 3 | 1 | | Fla.*, St. Thomas & St. John. |
| *Citrus sinensis* (orange) | Aruba, Bermuda, Canal Zone, Cuba, Trinidad. | | 7 | | Fla.* |
| *Unaspis euonymi* (Comst.) (Coccidae): | | | | | |
| *Euonymus* sp | Greece | 1 | | | N. Y. |
| *Unaspis yanonensis* (Kuw.) (Coccidae): | | | | | |
| *Citrus aurantium* (sour orange) | Japan | | 7 | | Calif.* |
| *Citrus hystrix* | do | | 1 | | Hawaii. |
| *Citrus limon* (lemon) | do | | 5 | | Calif.*, Pa. |
| *Citrus paradisi* (grapefruit) | do | | 2 | | Calif.* |
| *Citrus reticulata* (Mandarin orange) | do | 7 | 23 | | Calif.*, Hawaii. |
| *Citrus sinensis* (orange) | do | 2 | 10 | | Calif.*, Hawaii, Wash. |
| *Vilga dissimilis* Dist. (Coreidae): | | | | | |
| Orchid | Canal Zone | | | 1 | Calif.* |
| *Vilga divaricata* Champ. (Coreidae): | | | | | |
| Orchid | do | | | 1 | Fla. |
| *Vinsonia stellifera* (Westw.) (Coccidae): | | | | | |
| *Anthurium* sp | Trinidad | | | 1 | Fla. |
| *Arachnanthe* sp. (orchid) | Jamaica | | | 1 | Fla. |
| *Aspasia principissa* (orchid) | Canal Zone | | | 1 | Fla. |
| *Brassia caudata* (orchid) | Jamaica | | | 1 | Fla. |
| *Brassia gireoudiana* | Canal Zone | | | 1 | Calif.* |
| *Brassia* sp | Canal Zone, Jamaica | | | 3 | Fla. |
| *Broughtonia domingensis* (orchid) | Jamaica | | | 1 | Hawaii. |
| *Broughtonia* sp | do | | | 11 | Fla. |
| *Cattleya* sp. (orchid) | do | | | 1 | Fla. |
| *Epidendrum* sp. (orchid) | British Honduras | | | 1 | Fla. |
| *Eugenia jambos* (malabar-plum) | Dominica | | | 1 | N. Y. |
| *Lycaste barringtoniae* (orchid) | Jamaica | | | 1 | Fla. |
| *Oncidium confusum* (orchid) | Canal Zone | | | 1 | Fla. |
| *Oncidium triquetrum* | Jamaica | | | 1 | Hawaii. |
| Orchid | Canal Zone, Cuba, Guatemala, Jamaica, Salvador, Trinidad. | | | 11 | Fla., N. J., Wash. |
| *Virachola livia* Klug. (?) (Lycaenidae): | | | | | |
| *Punica granatum* (pomegranate) | Israel | 1 | | | N. Y. |
| *Xanthogramma calopus* (Loew) (Syrphidae): | | | | | |
| *Ornithogalum thyrsoides* (*chinkerichee*) | Union of South Africa | 1 | | | N. Y. |
| *Xerophilaspis prosopidis* (Ckll.) (Coccidae): | | | | | |
| Twig—unidentified | Mexico | | 1 | | Ariz. |
| *Xyloperthella crinitarsis* (Imhoff) (Bostrichidae): | | | | | |
| *Khaya* sp | Gold Coast | 1 | | | Md. |
| *Xylothrips religiosus* (Boisd.) (Bostrichidae): | | | | | |
| *Acacia* sp | Fiji | 1 | | | Hawaii. |
| *Zonitoides arboreus* (Say) (Mollusca): | | | | | |
| Lava rock | Hawaii | 1 | | | Hawaii. |
| Orchid | Canal Zone, Honduras, Mexico. | | | 3 | Calif.*, Fla. |
| *Zygogramma lepidula* Stal (Chrysomelidae): | | | | | |
| *Pinus* sp. (pine) | Mexico | 1 | | | D. C. |

*Hosts and Insects*

ACACIA:
*Caryedon fuscus* (Coleoptera)
*Xylothrips religiosus* (Coleoptera)
ACALYPHA:
*Phenacoccus gossypii* (Homoptera)
ACER:
*Parlatoria theae* (Homoptera)
*Periphyllus californiensis* (Homoptera)
ACHRAS:
*Anastrepha serpentina* (Diptera)
AGARICUS:
*Nemapogon granella* (Lepidotpera)
AGAVE:
*Furcaspis biformis* (Homoptera)
ALLIUM CEPA:
*Eumerus tuberculatus* (Diptera)
*Nezara viridula* (Hemiptera)
ALLIUM PORRUM:
*Acrolepia assectella* (Lepidoptera)
*Deroceras reticulatum* (Mollusca)
ALLIUM SATIVUM:
*Aceria tulipae* (Acarina)
*Brachycerus albidentatus* (Coleoptera)
*Brachycerus algirus* (Coleoptera)
*Dyspessa ulula* (Lepidoptera)
*Hypera brunneipennis* (Coleoptera)
ALOE:
*Furcaspis biformis* (Homoptera)
ALPINIA:
*Coccus viridis* (Homoptera)
*Pentalonia nigronervosa* (Homoptera)
*Pulvinaria psidii* (Homoptera)
AMARYLLIS:
*Peridroma margaritosa* (Lepidoptera)
ANANAS:
*Alpheias conspirata* (Lepidoptera)
*Metamasius sericeus* (Coleoptera)
*Pangaeus rugifrons* (Hemiptera)
*Platynota rostrana* (Lepidoptera)
*Ribua innoxia* (Lepidoptera)
*Sisamnes contractus* (Hemiptera)
*"Targionia" bromeliae* (Homoptera)
*Thecla ziba* (Lepidoptera)
ANNONA:
*Aspidiotus destructor* (Homoptera)
*Bephrata maculicollis* (Hymenoptera)
*Cerconota anonella* (Lepidoptera)
*Talponia batesi* (Lepidoptera)
ANTHURIUM:
*Bradybaena similaris* (Mollusca)
*Ceroplastes rubens* (Homoptera)
*Cyphula apicatus* (Hemiptera)
*Exptochiomera confusa* (Hemiptera)
*Limax marginatus* (Mollusca)
*Myochrous carinatus* (Coleoptera)
*Pinnaspis buxi* (Homoptera)
*Plusia chalcites* (?) (Lepidoptera)
*Pulvinaria psidii* (Homoptera)
*Vinsonia stellifera* (Homoptera)
APIUM:
*Deroceras reticulatum* (Mollusca)
*Peridroma margaritosa* (Lepidoptera)
ARACEAE:
*Pulvinaria psidii* (Homoptera)
ARACHIS:
*Caryedon fuscus* (Coleoptera)
*Trogoderma granarium* (Coleoptera)
ARACHNANTHE:
*Vinsonia stellifera* (Homoptera)
ARAUCARIA:
*Ericoccus araucariae* (Homoptera)
ARECA:
*Aspidiotus palmae* (Homoptera)
ARMERIA:
*Amorbia emigratella* (Lepidoptera)
*Reticulitermes flavipes* (Isoptera)
ARMORACIA:
*Baris lepidii* (Coleoptera)
*Hylemya floralis* (Diptera)
ASPARAGUS:
*Limax marginatus* (Mollusca)
ASPASIA:
*Leucaspis cockerelli* (Homoptera)
*Vinsonia stellifera* (Homoptera)
ASPLENIUM:
*Ceroplastes rubens* (Homoptera)
AUCUBA:
*Phenacaspis aucubae* (Homoptera)
BAMBOO:
*Asterolecanium bambusae* (Homoptera)
*Asterolecanium epidendri* (Homoptera)
*Asterolecanium miliaris robustum* (?) (Homoptera)
*Dinoderus brevis* (Coleoptera)
*Eucalandra setulosa* (Coleoptera)
*Minthea rugicollis* (Coleoptera)
*Trogoxylon prostomoides* (Coleoptera)
BAMBUSA:
*Odonaspis secreta* (Homoptera)
BETA:
*Deroceras reticulatum* (Mollusca)
*Gnorimoschema ocellatella* (Lepidoptera)
*Lixus junci* (Coleoptera)
BOUGANVILLEA:
*Pantomorus godmani* (Coleoptera)
BRASSAVOLA:
*Chrysomphalus tenax* (Homoptera)
*Furcaspis biformis* (Homoptera)
BRASSIA:
*Leucaspis cockerelli* (Homoptera)
*Vinsonia stellifera* (Homoptera)
BRASSICA OLERACEA BOTRYTIS:
*Barathra brassicae* (Lepidoptera)
*Deroceras reticulatum* (Mollusca)
*Evergestis rimosalis* (Lepidoptera)
*Phytomyza rufipes* (Diptera)
BRASSICA OLERACEA CAPITATA:
*Barathra brassicae* (Lepidoptera)
*Deroceras reticulatum* (Mollusca)
*Helix aspersa* (Mollusca)
*Limax marginatus* (Mollusca)
*Limax maximus* (Mollusca)
*Phytomyza rufipes* (Diptera)
*Pieris brassicae* (Lepidoptera)
*Taeniothrips vulgatissimus* (Thysanoptera)
BRASSICA RAPA:
*Deroceras reticulatum* (Mollusca)
BRASSICA SP.:
*Nysius raphanus* (Hemiptera)
*Phyllotreta aeneicollis* (Coleoptera)
BROMELIAD:
*Amorbia emigratella* (Lepidoptera)
*Chrysomphalus personatus* (Homoptera)
*Ligyrocoris abdominalis* (Hemiptera)
*Megalocysta gibbifera* (Hemiptera)
BROUGHTONIA:
*Coccus viridis* (Homoptera)
*Vinsonia stellifera* (Homoptera)
BRYOPHYLLUM:
*Coccus viridis* (Homoptera)
*Monomorium destructor* (Hymenoptera)
*Pheidole megacephala* (Hymenoptera)
*Phenacaspis sandwicensis* (Homoptera)
BUXUS:
*Eriophyes canestrinii* (Acarina)
*Psylla buxi* (Homoptera)
CACTUS:
*Dendrocoris variegatus* (Hemiptera)
*Lepidosaphes philococcus* (Homoptera)
CAJANUS:
*Acanthoscelides armitagei* (Coleoptera)
*Ancylostomia stercorea* (Lepidoptera)
*Callosobruchus maculatus* (Coleoptera)
*Callosobruchus phaseoli* (Coleoptera)
*Maruca testulalis* (Lepidoptera)
CALADIUM:
*Pentalonia nigronervosa* (Homoptera)
CALATHEA:
*Pentalonia nigronervosa* (Homoptera)
CALLUNA:
*Brachyrhinus sulcatus* (Coleoptera)
*Gelechia ericetella* (Lepidoptera)
*Orthotylus ericetorum* (Hemiptera)
*Scolopostethus decoratus* (Hemiptera)
*Strophosoma limbatus* (Coleoptera)
*Strophosoma melanogrammum* (Coleoptera)
CALOPHYLLUM:
*Dacus dorsalis* (Diptera)
CAMELLIA:
*Aleurotuberculatus similis* (Homoptera)
*Aspidiotus degeneratus* (Homoptera)
*Parlatoria camelliae* (Homoptera)

*Hosts and Insects*—Continued

CANAVALIA:
*Lampides boeticus* (Lepidoptera)
*Maruca testulalis* (Lepidoptera)
CANNABIS:
*Aonidiella inornata* (Homoptera)
CAPSICUM:
*Ceratitis capitata* (?) (Diptera)
*Gnorimoschema gudmannella* (Lepidoptera)
*Helix aspersa* (Mollusca)
*Olethreutes leucotreta* (Lepidoptera)
*Protopulvinaria longivalvata* (Homoptera)
*Pyrausta nubilalis* (Lepidoptera)
CARYOTA:
*Pheidole megacephala* (Hymenoptera)
CASIMIROA:
*Anastrepha ludens* (Diptera)
CASSIA:
*Caryedon fuscus* (Coleoptera)
*Phelomerus aberrans*(Coleoptera)
CASTANEA:
*Curculio elephas* (Coleoptera)
*Hemimene juliana* (Lepidoptera)
*Laspeyresia splendana* (Lepidoptera)
*Pyrausta nubialis* (Lepidoptera)
CATTLEYA:
*Asterolecanium epidendri* (Homoptera)
*Chrysomphalus umboniferus* (Homoptera)
*Eurytoma orchidearum* (Hymenoptera)
*Furcaspis biformis* (Homoptera)
*Iridomyrmex iniquus* (Hymenoptera)
*Microtheca ochroloma* (Coleoptera)
*Odonaspis ruthae* (Homoptera)
*Tenuipalpus pacificus* (Acarina)
*Vinsonia stellifera* (Homoptera)
CEDRUS:
*Brachyrhinus rugosostriatus* (Coleoptera)
*Coptotermes testaceus* (Isoptera)
*Kalotermes snyderi* (Isoptera)
CELOSIA:
*Selenothrips rubrocinctus* (Isoptera)
CERSIUM:
*Tingis cardui* (?) (Hemiptera)
CHAENOMELES:
*Pseudococcus matsumotoi* (Homoptera)
CHAMAEDOREA:
*Aleuroplatus cococolus* (Homoptera)
*Chrysomphalus sphaerioides* (Homoptera)
*Homalodisca centrolineata* (Homoptera)
*Tapinaspis wesmaeli* (Coleoptera)
CHRYSANTHEMUM:
*Capitophorus chrysanthemi* (Homoptera)
*Lygus lineolaris* (Hemiptera)
*Nezara viridula* (Hemiptera)
*Peridroma margaritosa* (Lepidoptera)
*Phytomyza atricornis* (?) (Diptera)
*Puto barberi* (Homoptera)
CICER:
*Callosobruchus maculatus* (Coleoptera)
CICHORIUM:
*Deroceras reticulatum* (Mollusca)
*Napomyza lateralis* (Diptera)
*Phytomyza rufipes* (Diptera)
CITRUS AURANTIFOLIA:
*Aleurocanthus woglumi* (Homoptera)
*Anastrepha ludens* (Diptera)
*Aonidiella comperi* (Homoptera)
*Coccus viridis* (Homoptera)
*Dialeurodes citri* (Homoptera)
*Lygaeus uhleri* (Hemiptera)
*Oxygrylius rugosus* (Coleoptera)
*Parlatoria cinerea* (Homoptera)
*Parlatoria zizyphus* (Homoptera)
*Pseudaonidia trilobitiformis* (Homoptera)
CITRUS AURANTIUM:
*Unaspis yanonensis* (Homoptera)
CITRUS DECUMANA:
*Morganella longispina* (Homoptera)
CITRUS HYSTRIX:
*Unaspis yanonensis* (Homoptera)
CITRUS LIMON:
*Brevipalpus australis* (Acarina)
*Brevipalpus phoenicis* (Acarina)
*Cryptoblabes gnidiella* (Lepidoptera)
*Parlatoria zizyphus* (Homoptera)
*Pseudaonidia trilobitiformis* (Homoptera)
*Unaspis yanonensis* (Homoptera)

CITRUS MITIS:
*Aleurocanthus woglumi* (Homoptera)
CITRUS PARADISI:
*Anastrepha fraterculus* (Diptera)
*Anastrepha ludens* (Diptera)
*Aonidiella inornata* (Homoptera)
*Ceratitis capitata* (Diptera)
*Chrysomphalus diversicolor* (tentative) (Homoptera)
*Leucaspis cockerelli* (Homoptera)
*Morganella longispina* (Homoptera)
*Olethreutes leucotreta* (Lepidoptera)
*Parlatoria zizyphus* (Homoptera)
*Unaspis citri* (Homoptera)
*Unaspis yanonensis* (Homoptera)
CITRUS RETICULATA:
*Ceratitis capitata* (Diptera)
*Parlatoria cinerea* (Homoptera)
*Parlatoria zizyphus* (Homoptera)
*Unaspis yanonensis* (Homoptera)
CITRUS SINENSIS:
*Aleurocanthus woglumi* (Homoptera)
*Aleurothrixus floccosus* (Homoptera)
*Anastrepha fraterculus* (Diptera)
*Anastrepha ludens* (Diptera)
*Anastrepha serpentina* (Diptera)
*Ceratitis capitata* (Diptera)
*Ceroplastes sinensis* (Homoptera)
*Cryptoblabes gnidiella* (Lepidoptera)
*Gymnandrosoma aurantianum* (Lepidoptera)
*Leucaspis cockerelli* (Homoptera)
*Olethreutes leucotreta* (Lepidoptera)
*Parlatoria cinerea* (Homoptera)
*Parlatoria zizyphus* (Homoptera)
*Pseudaonidia trilobitiformis* (Homoptera)
*Unaspis citri* (Homoptera)
*Unaspis yanonensis* (Homoptera)
CITRUS SP., probably LIMON:
*Aleurothrixus floccosus* (Homoptera)
*Trialeurodes vitrinellus* (Homoptera)
CITRUS SP. (orange):
*Parlatoria zizyphus* (Homoptera)
CITRUS SP.:
*Aleurocanthus woglumi* (Homoptera)
*Aleurothrixus floccosus* (Homoptera)
*Brevipalpus phoenicis* (Acarina)
*Coccus viridis* (Homoptera)
*Dialeurodes citrifolii* (Homoptera)
*Eutetranychus banksi* (Acarina)
*Parlatoria zizyphus* (Homoptera)
*Trialeurodes vitrinellus* (Homoptera)
COCCOLOBA:
*Crenidorsum commune* (Homoptera)
COCHLOSPERMUM:
*Aspidiotus herculeanus* (Homoptera)
COCOS:
*Aonidiella inornata* (Homoptera)
*Aspidiotus destructor* (Homoptera)
*Chrysomphalus personatus* (Homoptera)
*Chrysomphalus tingi* (Homoptera)
*Diocalandra taitensis* (Coleoptera)
*Ereunetis flavistriata* (Lepidoptera)
*Lepidosaphes esakii* (Homoptera)
*Lygaeus pulchellus* (Hemiptera)
*Mauria subnotatus* (Coleoptera)
*Oxydema fusiforme* (Coleoptera)
*Phenacaspis sandwicensis* (Homoptera)
*Pseudococcus palmarum* (Homoptera)
*Sybra alternans* (Coleoptera)
CODIAEUM:
*Lepidosaphes tokionis* (Homoptera)
*Parlatoria crotonis* (Homoptera)
*Phenacoccus gossypii* (Homoptera)
*Selenothrips rubrocinctus* (Thysanoptera)
*Tetranychus cucurbitae* (Acarina)
*Tetranychus tumidus* (Acarina)
COFFEA:
*Aleuroparadoxus gardeniae* (Homoptera)
*Ceratitis capitata* (Diptera)
*Coccus viridis* (Homoptera)
*Dacus dorsalis* (Diptera)
*Leucoptera coffeella* (Lepidoptera)
*Pulvinaria psidii* (Homoptera)
COLOCASIA:
*Cacographis osteolalis* (Lepidoptera)

*Hosts and Insects*—Continued

COPAIFERA:
*Agonum rugulosus* (Coleoptera)
*Draeculacephala clypeata* (Hemiptera)
*Ochterus perbosci* (Hemiptera)
COPERNICIA:
*Caryedon fuscus* (Coleoptera)
CORDYLINE:
*Atractomorpha ambigua* (Orthoptera)
*Dacus dorsalis* (Diptera)
*Deroceras reticulatum* (Mollusca)
*Opogona purpuriella* (Lepidoptera)
*Oxydema longulus* (Coleoptera)
*Pantomorus godmani* (Coleoptera)
*Pinnaspis buxi* (Homoptera)
*Sybra alternans* (Coleoptera)
CORIANDRUM:
*Prodenia eridania* (Lepidoptera)
CRATAEGUS:
*Grapholitha packardi* (Lepidoptera)
CROTALARIA:
*Ortholomus jamaicensis* (?) (Hemiptera)
CRYPTOSTEGIA:
*Coccus viridis* (Homoptera)
CUCUMIS:
*Dacus cucurbitae* (Diptera)
*Tyrophagus infestans* (Acarina)
CUCURBITA:
*Bradybaena similaris* (Mollusca)
CUPRESSUS:
*Orsillus depressus* (Hemiptera)
CYCAD:
*Aulacoscelis melanocera* (Coleoptera)
*Ligyrocoris auriviliana* (Hemiptera)
CYCNOCHES:
*Brevipalpus phoenicis* (Acarina)
*Tenthecoris bicolor* (Hemiptera)
CYDONIA:
*Anastrepha ludens* (Diptera)
*Ceratitis capitata* (Diptera)
*Kalotermes flavicollis* (Isoptera)
CYMBIDIUM:
*Asterolecanium epidendri* (Homoptera)
*Lepidosaphes tuberculata* (Homoptera)
*Oxycarenus bicolor* (Hemiptera)
CYNARA:
*Anuraphis cardui* (Homoptera)
*Deroceras reticulatum* (Mollusca)
*Forficula decipiens* (Orthoptera)
*Gortyna flavago* (Lepidoptera)
*Helix aspersa* (Mollusca)
*Theba pisana* (Mollusca)
CYNODON:
*Callosobruchus phaseoli* (Coleoptera)
*Odonaspis ruthae* (Homoptera)
CYNOGLOSSUM:
*Bruchidius gilvus* (Coleoptera)
DAHLIA:
*Pyrausta nubilalis* (Lepidoptera)
DAISY:
*Helix aspersa* (Mollusca)
DAUCUS:
*Deroceras reticulatum* (Mollusca)
*Phalonia zephyrana* (Lepidoptera)
*Phytomyza rufipes* (Diptera)
*Systole geniculata* (Hymenoptera)
*Tyrophagus infestans* (Acarina)
DENDROBIUM:
*Aspidiotus australiensis* (Homoptera)
*Bromeliaemiris puncticollis* (Hemiptera)
*Chrysomphalus bifasciculatus* (Homoptera)
*Ferrisia virgata* (Homoptera)
*Tetranychus piercei* (Acarina)
DIANTHUS:
*Frankliniella schultzei* (Thysanoptera)
*Haplothrips cottei* (Thysanoptera)
DIEFFENBACHIA:
*Noelia floridula* (Hemiptera)
DINOCHLOA:
*Paratetranychus pratensis* (Acarina)
DIOSCOREA:
*"Targionia" hartii* (Homoptera)
DIOSOMA:
*Chionaspis diosomae* (Homoptera)
DIOSPYROS:
*Ceratitis capitata* (Diptera)
*Parlatoria oleae* (Homoptera)
DOLICHOS:
*Callosobruchus maculatus* (Coleoptera)
DRACAENA:
*Exptochiomera confusa* (Hemiptera)
*Pinnaspis buxi* (Homoptera)
ELEOCHARIS:
*Fulvius brevicornis* (Hemiptera)
EPIDENDRUM:
*Asterolecanium epidendri* (Homoptera)
*Conchaspis orchidarum* (Homoptera)
*Farinococcus guatemalensis* (Homoptera)
*Furcaspis biformis* (Homoptera)
*Platynota rostrana* (?) (Lepidoptera)
*Pseudischnaspis alienus* (Homoptera)
*Tenthecoris distinguendus* (Hemiptera)
*Vinsonia stellifera* (Homoptera)
*Specularius impressithorax* (Coleoptera)
ERIOBOTRYA:
*Ceratitus capitata*
ERYTHRINA:
EUGENIA:
*Aspidiotus palmae* (Homoptera)
*Dacus dorsalis* (Diptera)
*Vinsonia stellifera* (Homoptera)
EUONYMUS:
*Unaspis euonymi* (Homoptera)
EUPHORIA:
*Pseudococcus lilacinus* (Homoptera)
FICUS:
*Ceratitis capitata* (Diptera)
*Ceroplastes rusci* (Homoptera)
*Gynaikothrips ficorum* (Thysanoptera)
*Iridomyrmex humilis* (Hymenoptera)
*Lecanium coryli* (Homoptera)
FREESIA:
*Sitona lineata* (Coleoptera)
GARDENIA
*Aleuroparadoxus gardeniae* (Homoptera)
*Amorbia emigratella* (Lepidoptera)
*Ceroplastes rubens* (Homoptera)
*Coccus viridis* (Homoptera)
*Dialeurodes kirkaldyi* (Homoptera)
*Orthezia pseudinsignis* (Homoptera)
*Pealius hibisci* (Homoptera)
*Protopulvinaria longivalvata* (Homoptera)
*Pseudaonidia clarigera* (Homoptera)
*Pulvinaria psidii* (Homoptera)
GLADIOLUS:
*Amorbia emigratella* (Lepidoptera)
*Anuraphis tulipae* ((Homoptera)
*Oscinella dampfi* (Diptera)
*Prodenia eridania* (Lepidoptera)
*Prodenia ornithogalli* (Lepidoptera)
*Pyrausta nubilalis* (Lepidoptera)
GLYCINE:
*Callosobruchus analis* (Coleoptera)
GOSSYPIUM:
*Hypera brunneipennis* (Coleoptera)
*Oxycarenus hyalinipennis* (Hemiptera)
*Pectinophora gossypiella* (Lepidoptera)
GREWIA
*Parlatoria crypta* (Homoptera)
HEDERA:
*Aspidiotus hedericola* (Homoptera)
HELICHRYSUM:
*Sitona hispidula* (Coleoptera)
HELICONIA:
*Deroceras reticulatum* (Mollusca)
*Sybra alternans* (Coleoptera)
HETEROPOGON:
*Carbula damalis* (Hemiptera)
HIBISCUS:
*Asterolecanium pustulans* (Homoptera)
*Brevipalpus phoenicis* (Acarina)
*Oxycarenus hyalinipennis* (Hemiptera)
*Pealius hibisci* (Homoptera)
HORDEUM:
*Trogoderma granarium* (Coleoptera)
IPOMOEA:
*Bradybaena similaris* (Mollusca)
*Cylas formicarius* (Coleoptera)
*Cylas formicarius elegantulus* (Coleoptera)
*Cylas formicarius formicarius* (Coleoptera)
*Euscepes postfasciatus* (Coleoptera)
*Megacerus alternatus* (Coleoptera)
*Omphisa anastomosalis* (Lepidoptera)

*Hosts and Insects*—Continued

IRIS:
*Anuraphis tulipae* (Homoptera)
IXORA:
*Coccus viridis* (Homoptera)
*Protopulvinaria longivalvata* (Homoptera)
*Pseudaonidia trilobitiformis* (Homoptera)
JASMINUM:
*Asterolecanium pustulans* (Homoptera)
JUNIPERUS:
*Eriococcus araucariae* (Homoptera)
*Lecanium fletcheri* (Homoptera)
*Lepidosaphes pallida* (Homoptera)
KALANCHOE:
*Pulvinaria psidii* (Homoptera)
KALMIA:
*Aleuroplatus plumosus* (Homoptera)
KERRIA:
*Allantus cinctus* (Hymenoptera)
KHAYA:
*Xyloperthella crinitarsis* (Coleoptera)
LACTUCA:
*Agrotis ypsilon* (Lepidoptera)
*Deroceras reticulatum* (Mollusca)
*Dicyphus annulatus* (Hemiptera)
*Nysius clevelandensis* (Hemiptera)
*Peridroma margaritosa* (Lepidoptera)
*Philaenus leucophthalmus* (Homoptera)
*Phytomyza rufipes* (Diptera)
*Theba pisana* (Mollusca)
LAELIA:
*Chrysomphalus umboniferus* (Homoptera)
LANSIUM:
*Pheidole megacephala* (Hymenoptera)
*Pseudococcus lilacinum* (Homoptera)
LATHYRUS:
*Bruchus azoricus* (?) (Coleoptera)
*Bruchus tristiculus* (Coleoptera)
*Bruchus tristis* (Coleoptera)
LENS:
*Bruchus ervi* (Coleoptera)
*Bruchus lentis* (Coleoptera)
*Bruchus signaticornis* (Coleoptera)
LEUCAENA:
*Dynatopechus calandrodes* (Coleoptera)
LICUALA:
*Aspidiotus destructor* (Homoptera)
LILIUM:
*Adoxophyes orana* (Lepidoptera)
*Bradybaena similaris* (Mollusca)
*Haplothrips govdeyi* (Thysanoptera)
*Philaenus leucophthalmus* (Homoptera)
LITCHI:
*Monomorium destructor* (Hymenoptera)
LONCHOCARPUS:
*Dinoderus bifoveolatus* (Coleoptera)
*Micrapate labialis* (Coleoptera)
LYCASTE:
*Puto ulter* (Homoptera)
*Vinsonia stellifera* (Homoptera)
LYCOPERSICON:
*Amorbia emigratella* (Lepidoptera)
*Dacus cucurbitae* (Diptera)
*Dysdercus concinnus* (Hemiptera)
*Neoleucinodes elegantalis* (Lepidoptera)
*Prodenia eridania* (Lepidoptera)
MACADAMIA:
*Cryptophlebia illepida* (Lepidoptera)
MALUS:
*Adoxophyes orana* (Lepidoptera)
*Allantus cinctus* (Hymenoptera)
*Argyresthia conjugella* (Lepidoptera)
*Aspidiotus pyri* (Homoptera)
*Carposina sasakii* (Lepidoptera)
*Ceratitis capitata* (Diptera)
*Epidiaspis piricola* (Homoptera)
*Parlatoria oleae* (Homoptera)
*Pseudococcus gahani* (Homoptera)
*Rhagoletis cerasi* (?) (Diptera)
*Rhagoletis pomonella* (Diptera)
MALVACEAE:
*Minthea rugicollis* (Coleoptera)
MAMMEA:
*Anastrepha ludens* (Diptera)
*Anastrepha serpentina* (Diptera)
MANGIFERA:
*Anastrepha ludens* (Diptera)
*Anastrepha mombinpraeoptans* (Diptera)
*Anastrepha serpentina* (Diptera)
*Aulacaspis mangiferae* (Homoptera)
*Dacus dorsalis* (Diptera)
*Parlatoria crypta* (Homoptera)
*Pseudaonidia trilobitiformis* (Homoptera)
*Puto spinosus* (Homoptera)
*Sternochetus mangiferae* (Coleoptera)
MENTHA:
*Phytomyza atricornis* (?) (Diptera)
MESPILUS:
*Parlatoria oleae* (Homoptera)
MILTONIA:
*Asterolecanium epidendri* (Homoptera)
MONSTERA:
*Pinnaspis buxi* (Homoptera)
MUSA:
*Cosmopolites sordidus* (Coleoptera)
*Dacus dorsalis* (Diptera)
*Metamasius sericeus* (Coleoptera)
*Prodenia eridania* (Lepidoptera)
MUSACEA:
*Pentalonia nigronervosa* (Homoptera)
MYRTUS:
*Pulvinaria psidii* (Homoptera)
NARCISSUS:
*Lampetia equestris* (Diptera)
*Tarsonemus laticeps* (Acarina)
NERIUM:
*Iridomyrmex humilis* (Hymenoptera)
ODONTOGLOSSUM:
*Puto ulter* (Homoptera)
OLEA:
*Dacus oleae* (Diptera)
*Laspeyresia splendana* (Lepidoptra)
*Phloeotribus scarabaeoides* (Coleoptera)
*Prays oleellus* (Lepidoptera)
ONCIDIUM:
*Asterolecanium epidendri* (Homoptera)
*Chrysomphalus umboniferus* (Homoptera)
*Furcaspis biformis* (Homoptera)
*Nasutitermes corniger* (Isoptera)
*Pseudoparlatoria ostreata* (Homoptera)
*Vinsonia stellifera* (Homoptera)
ONOBRYCHIS:
*Bruchophagus onobrychidis* (Hymenoptera)
OPERCULINA:
*Araecerus vieillardi* (Coleoptera)
*Sybra alternans* (Coleoptera)
OPUNTIA:
*Ceratitis capitata* (Diptera)
ORCHID:
*Aonidiella marginipora* (Homoptera)
*Asterolecanium epidendri* (Homoptera)
*Aufeius impressicollis* (Hemiptera)
*Calligrapha diversa* (Coleoptera)
*Capaneus tetricus* (Hemiptera)
*Caulophilus latinasus* (Coleoptera)
*Chelysoma variabilis* (Hemiptera)
*Chrysomphalus odontoglossi* (Homoptera)
*Chrysomphalus tenax* (Homoptera)
*Chrysomphalus umboniferus* (Homoptera)
*Corythucha spinosa* (Hemiptera)
*Cryphula apicalis* (Hemiptera)
*Cryphula apicatus* (Hemiptera)
*Dacus dorsalis* (Diptera)
*Dendrocoris variegatus* (Hemiptera)
*Deroceras reticulatum* (Mollusca)
*Diorymerellus laevimargo* (Coleoptera)
*Eurytoma orchidearum* (Hymenoptera)
*Exptochiomera albomaculata* (Hemiptera)
*Exptochiomera confusa* (Hemiptera)
*Farinococcus guatemalensis* (Homoptera)
*Furcaspis biformis* (Homoptera)
*Galgupha puncticer* (Hemiptera)
*Genuchinus v-notatus* (Coleoptera)
*Geocoris flavilineus* (Hemiptera)
*Icerya aegyptiaca* (?) (Homoptera)
*Iridomyrmex glaber* (Hymenoptera)
*Isorhinus undatus* (Coleoptera)
*Lamellaxis gracilis* (Mollusca)
*Limax marginatus* (Mollusca)

*Hosts and Insects*—Continued

ORCHID—Continued
*Mamurius mopsus* (Hemiptera)
*Monanthia monotropidia* (Hemiptera)
*Monomorium destructor* (Hymenoptera)
*Mormidea collaris* (Hemiptera)
*Myodocha longicollis* (Hemiptera)
*Nasutitermes corniger* (Isoptera)
*Neolobophora lugubris* (Orthoptera)
*Neolobophora ruficeps* (Orthoptera)
*Neuroctenus litigiosus* (Hemiptera)
*Oedancala bimaculata* (Hemiptera)
*Oedotingis mexicanus* (Hemiptera)
*Oplomus rutilus* (Hemiptera)
*Orchidophilus aterrimus* (Coleoptera)
*Ozophora consanguineus* (Hemiptera)
*Pangaeus piceatus* (Hemiptera)
*Paromius longulus* (Hemiptera)
*Pheidole megacephala* (Hymenoptera)
*Phelypera distigma* (Coleoptera)
*Phlegyas annulicrus* (Hemiptera)
*Plagiodera semivittata* (Coleoptera)
*Platycarenus humilus* (Hemiptera)
*Pseudischnaspis alienus* (Homoptera)
*Pseudoparlatoria ostreata* (Homoptera)
*Tempyra biguttula* (Hemiptera)
*Tenthecoris angustimarginatus* (Hemiptera)
*Tenthecoris bicolor* (Hemiptera)
*Tenthecoris confusus* (Hempitera)
*Tenuirostritermes cinereus* (Isoptera)
*Tetranychus mariannae* (Acarina)
*Vilga dissimilis* (Hemiptera)
*Vilga divaricata* (Hemiptera)
*Vinsonia stellifera* (Homoptera)
*Zonitoides arboreus* (Mollusca)
ORNITHOGALUM:
*Epichorista ionephela* (Lepidoptera)
*Iridomyrmex humilis* (Hymenoptera)
*Xanthogramma calopus* (Diptera)
ORYZA:
*Chilo suppressalis* (Lepidoptera)
PACHIRA:
*Asterolecanium pustulans* (Homoptera)
PALM:
*Aonidiella inornata* (Homoptera)
*Aspidiotus destructor* (Homoptera)
*Diaspis zamiae* (Homoptera)
*Pinnaspis buxi* (Homoptera)
PANICUM:
*Bolbocoris variolosus* (Hemiptera)
PASPALUM:
*Diabrotica speciosa* (Coleoptera)
PASSIFLORA:
*Ceratitis capitata* (?) (Diptera)
*Rhagoletis cerasi* (?) (Diptera)
PELARGONIUM:
*Corythucha mcelfreshi* (Hemiptera)
*Homalodisca centrolineata* (Homoptera)
PERSEA:
*Anastrepha ludens* (Diptera)
*Aspidiotus diffinis* (Homoptera)
*Caulophilus latinasus* (Coleoptera)
*Ceratitis capitata* (?) (Diptera)
*Chrysomphalus personatus* (Homoptera)
*Conotrachelus aguacatae* (Coleoptera)
*Platycarenus humilis* (Hemiptera)
*Pseudischnaspis alienus* (Homoptera)
*Stenoma catenifer* (Lepidoptera)
PHALARIS:
*Eurygaster integriceps* (Hemiptera)
PHASEOLUS:
*Acanthoscelides armitagei* (Coleoptera)
*Acanthoscelides obvelatus* (Coleoptera)
*Callosobruchus analis* (Coleoptera)
*Callosobruchus maculatus* (Coleoptera)
*Cerotoma atrofasciata* (?) (Coleoptera)
*Epinotia aporema* (Lepidoptera)
*Everes comyntas* (Lepidoptera)
*Hedylepta indicata* (Lepidoptera)
*Maruca testulalis* (Lepidoptera)
*Pyrausta nubilalis* (Lepidoptera)
PHILADELPHUS:
*Coccus capparidis* (Homoptera)
PHILODENDRON:
*Cactophagus validirostris* (Coleoptera)
*Ferrisia virgata* (Homoptera)
*Neoleucon rubrotylus* (Hemiptera)

PHILODENDRON—Continued
*Paragonatas divergens* (Hemiptera)
*Pinnaspis buxi* (Homoptera)
*Tetraphana daphne* (Lepidoptera)
PHYSALIS:
*Heliothis subflexa* (Lepidoptera)
PICEA:
*Laspeyresia strobilella* (Lepidoptera)
PINUS:
*Leucaspis loewi* (Homoptera)
*Leucaspis pusilla* (Homoptera)
*Phenacaspis pinifoliae* (?) (Homoptera)
*"Poliaspis" pini* (Homoptera)
*Porthetria mathura* (?) (Lepidoptera)
*Pseudococcus pini* (Homoptera)
*Zygogramma lepidula* (Coleoptera)
PIPER:
*Pinnaspis theae* (?) (Homoptera)
PIPTADENIA:
*Callosobruchus analis* (Coleoptera)
PISUM:
*Lampides boeticus* (Lepidoptera)
PLEUROTHALLIS:
*Monomorium destructor* (Hymenoptera)
PLUMERIA:
*Coccus viridis* (Homoptera)
*Pulvinaria psidii* (Homoptera)
PROTEA:
*Iridomyrmex humilis* (Hymenoptera)
*Phenacoccus stelli* (Homoptera)
PRUNUS AMYGDALUS:
*Parlatoria oleae* (Homoptera)
PRUNUS ARMENIACA:
*Blissus diplopterus* (Hemiptera)
*Ceratitis capitata* (Diptera)
*Iridomyrmex humilis* (Hymenoptera)
PRUNUS DOMESTICA:
*Megalometis chiliensis* (Coleoptera)
PRUNUS PERSICA:
*Anastrepha fraterculus* (Diptera)
*Anastrepha ludens* (Diptera)
*Carposina sasakii* (Lepidoptera)
*Ceratitis capitata* (Diptera)
*Drasterius bimaculatus* (Coleoptera)
*Grapholitha molesta* (Lepidoptera)
*Megalometis chiliensis* (Coleoptera)
*Pantomorus godmani* (Coleoptera)
PRUNUS PERSICA NECTARINA:
*Ceratitis capitata* (Diptera)
PRUNUS SP. (cherry):
*Parlatoria theae* (Homoptera)
*Rhagoletis cerasi* (Diptera)
PRUNUS SP.:
*Ceroplastes japonica* (Homoptera)
*Parlatoria theae* (Homoptera)
PSIDIUM:
*Anastrepha fraterculus* (Diptera)
*Anastrepha mombinpraeoptans* (Diptera)
*Anastrepha striata* (Diptera)
*Anastrepha suspensa* (Diptera)
*Dacus dorsalis* (Diptera)
PUNICA:
*Ceratitis capitata* (Diptera)
*Cryptoblabes gnidiella* (Lepidoptera)
*Monosteira unicostata* (Hemiptera)
*Nezara heegeri* (Hemiptera)
*Siphoninus phillyreae* (Homoptera)
*Virachola livia* (?) (Lepidoptera)
PYRACANTHA
*Stephanitis pyri* (Hemiptera)
PYRUS:
*Anastrepha fraterculus* (Diptera)
*Anastrepha ludens* (Diptera)
*Anastrepha mombinpraeoptans* (Diptera)
*Ceratitis capitata* (Diptera)
*Dacus tryoni* (?) (Diptera)
*Glyeyphagus domesticus* (Acarina)
*Parlatoria oleae* (Homoptera)
QUERCUS:
*Chrysomphalus lilacinus* (Homoptera)
*Curculio q-griseae* (Coleoptera)
RAUWOLFIA:
*Conchaspis orchidarum* (Homoptera)
*Microcerotermes exiduus* (Isoptera)
*Pinnaspis pattersoni* (tentative) (Homoptera)

*Hosts and Insects*—Continued

RENANTHERA:
*Parlatoria proteus* (Homoptera)
RHODODENDRON:
*Aleyrodes azaleae* (Homoptera)
*Arion ater* (Mollusca)
*Dialeurodes chittendeni* (Homoptera)
*Dialeurodes citri* (Homoptera)
*Gracilaria azaleella* (Lepidoptera)
*Lecanium corvli* (Homoptera)
*Psylla rhododendri* (Homoptera)
*Stephanitis pyrioides* (Hemiptera)
ROSA:
*Allantus cinctus* (Hymenoptera)
*Ardis sulcata* (Hymenoptera)
*Chrysomphalus tenax* (?) (Homoptera)
*Haplothrips gowdeyi* (Thysanoptera)
*Iridomyrmex humilis* (Hymenoptera)
RUBUS:
*Asterobemisia carpini* (Homoptera)
RUTA:
*Trialeurodes vaporariorum* (Homoptera)
SACCHARUM:
*Chile loftini* (Lepidoptera)
*Oxydema fusiforme* (Coleoptera)
*"Targionia" sacchari* (Homoptera)
*Trionymus sacchari* (Homoptera)
SAPOTE:
*Anastrepha serpentina* (Diptera)
*Eutetranychus banksi* (Acarina)
*Trialeurodes variabilis* (Homoptera)
SCHINUS:
*Coccus viridis* (Homoptera)
SCINDAPSUS:
*Pinnaspis buxi* (Homoptera)
SELAGINELLA:
*Disonycha antennata* (Coleoptera)
SOIL:
*Agriotes limosus* (Coleoptera)
*Aleurocanthus woglumi* (Homoptera)
*Athous haemorrhoidalis* (?) (Coleoptera)
*Bemisia inconspicua* (Homoptera)
*Brachyrhinus porcatus* (Coleoptera)
*Glycyphagus domesticus* (Acarina)
*Limax marginatus* (Mollusca)
*Neosteingelia texana* (Homoptera)
*Pentalonia nigronervosa* (Homoptera)
*Peritrechus sylvestris* (Hemiptera)
*Pheidole megacephala* (Hymenoptera)
*Pyrrhocoris apterus* (Hemiptera)
*Sitona hispidula* (Coleoptera)
SOLANUM MELONGENA:
*Leucinodes orbonalis* (Lepidoptera)
*Neoleucinodes elegantalis* (Lepidoptera)
*Platynota rostrana* (Lepidoptera)
*Tyrophagus infestans* (Acarina)
SOLANUM NIGRUM:
*Pachyzancla perusalis* (Lepidoptera)
SOLANUM TUBEROSUM:
*Deroceras reticulatum* (Mollusca)
*Glycyphagus domesticus* (Acarina)
SOLANUM SP.:
*Gnorimoschema plaesiosema* (Lepidoptera)
*Leucinodes orbonalis* (Lepidoptera)
*Pyrausta nubilalis* (Lepidoptera)
SORBUS:
*Parlatoria oleae* (Homoptera)
*Pulvinaria vitis* (Homoptera)
SORGHUM:
*Sesamia cretica* (Lepidoptera)
SPONDIAS:
*Anastrepha mombinpraeoptans* (Diptera)
STENOTAPHRUM:
*Antonina graminis* (Homoptera)
*Bradybaena similaris* (Mollusca)
*Pheidole megacephala* (Hymenoptera)
*Pseudococcus boninsis* (Homoptera)
STRELITZIA:
*Bradybaena similaris* (Mollusca)
*Phenacaspis sandwicensis* (Homoptera)
*Pinnaspis buxi* (Homoptera)
*Sybra alternans* (Coleoptera)
SYRINGA:
*Adozophyes orana* (Lepidoptera)
TAMARINDUS:
*Caryedon fuscus* (Coleoptera)
TERMINALIA:
*Dacus dorsalis* (Diptera)
THEOBROMA:
*Asterolecanium pustulans* (Homoptera)
TILIA:
*Lecanium corni* (Homoptera)
TILLANDSIA:
*Chrysomphalus decorosus* (Homoptera)
*Diabrotica lepida* (Coleoptera)
*Isorhinus undatus* (Coleoptera)
*Monanthia monotropidia* (Hemiptera)
TRIFOLIUM:
*Oligonychus peruvianus* (Acarina)
*Seienothrips rubrocinctus* (Thysanoptera)
*Tetranychus desertorum* (Acarina)
TRITICUM:
*Glycyphagus domesticus* (Acarina)
*Trogoderma granarium* (Coleoptera)
*Trogoderma parabile* (Coleoptera)
TULIPA:
*Anuraphis tulipae* (Homoptera)
*Rhopalosiphoninus tulipaella* (Homoptera)
ULMUS
*Galerucella xanthomelaena* (Coleoptera)
VANDA:
*Bradybaena similaris* (Mollusca)
*Conoderus exsul* (Coleoptera)
*Orchidophilus aterrimus* (Coleoptera)
*Oxydema fusiforme* (Coleoptera)
*Pantomorus godmani* (Coleoptera)
*Parlatoria pseudaspidiotus* (Homoptera)
*Plusia chalcites* (?) (Lepidoptera)
VERBENA:
*Nezara viridula* (Hemiptera)
VIBURNUM:
*Fravenfeldiella jelinekii* (Homoptera)
VICIA:
*Apion pomonae* (Coleoptera)
*Brachyrhinus ovatus* (Coleoptera)
*Bruchus brachialis* (Coleoptera)
*Bruchus guttalis* (Coleoptera)
*Bruchus luteicornis* (Coleoptera)
*Bruchus tristis* (Coleoptera)
*Bruchus ulicis* (Coleoptera)
VIGNA:
*Callosobruchus maculatus* (Coleoptera)
*Callosobruchus marshalli* (Coleoptera)
*Fundella pellucens* (Leipdoptera)
VIOLA
*Dasyneura affinis* (Diptera);
VITIS:
*Carbula litigatrix* (Hemiptera)
*Eurydema oleraceum* (Hemiptera)
*Iridomyrmex humilis* (Hymenoptera)
*Leptoglossus chilensis* (Hemiptera)
*Metamasius sericeus* (Coleoptera)
*Naupactus xanthographus* (Coleoptera)
*Nezara viridula* (Hemiptera)
*Nodonota tristis* (Coleoptera)
*Pantomorus godmani* (Coleoptera)
*Phlyctinus* callosus (Coleoptera)
*Polychrosis botrana* (Lepidoptera)
VOANDEZIA:
*Callosobruchus maculatus* (Coleoptera)
VRIESIA:
*Chrysomphalus personatus* (Homoptera)
ZANTEDESCHIA:
*Amorbia emigratella* (?) (Lepidoptera)
*Ligyrocoris abdominalis* (Hemiptera)
ZEA:
*Phyllecthrus subsulcata* (Coleoptera)
*Pyrausta nubilalis* (Lepidoptera)
*Sesamia cretica* (Lepidoptera)
ZELKOVA:
*Pulvinaria horii* (Homoptera)
ZINGIBER:
*Palaeopus costicollis* (Coleoptera)
ZINNIA:
*Homoeosoma electellum* (Lepidoptera)
*Prodenia eridania* (Lepidoptera)

## *Hosts Unknown*

AIRPLANE:
*Adoretus sinicus* (Coleoptera)
*Algarobius prosopis* (Coleoptera)
*Aphis citricidus* (Homoptera)
*Arcte caerulea* (Lepidoptera)
*Aufeius impressicollis* (Hemiptera)
*Autoserica castanea* (Coleoptera)
*Cassida circumdata* (Coleoptera)
*Chrysopera combinans* (Lepidoptera)
*Conoderus pallipes* (Coleoptera)
*Coptotermes formosanus* (Isoptera)
*Crenotiades stramineus* (Hemiptera)
*Dacus dorsalis* (Diptera)
*Diabrotica brevilineata* (Coleoptera)
*Iridomyrmex humilis* (Hymenoptera)
*Mimosestes sallaei* (Coleoptera)
*Mniothrips lichenigera* (Lepidoptera)
*Neoscatella sexnotata* (Diptera)
*Nephotettix apicalis* (Homoptera)
*Nesosteles incisus* (Homoptera)
*Nomophila noctuella* (Lepidoptera)
*Nymphula fluctuosalis* (Lepidoptera)
*Nysius californicus* (Hemiptera)
*Nysius dallasi* (Hemiptera)
*Nysius raphanus* (Hemiptera)
*Odontolaxozus longicornis* (Diptera)
*Onthophagus incensus* (Coleoptera)
*Opshomala vitreipennis* (Orthoptera)
*Opsius stactogalus* (Homoptera)
*Pachodynerus nasidens* (Hymenoptera)
*Pachybrachius nigriceps* (Hemiptera)
*Paratrioza cockerelli* (Homoptera)
*Passaloecus luzonensis* (Hymenoptera)
*Pentacora signoretti* (Hemiptera)
*Perkinsiella saccharicida* (Homoptera)
*Perkinsiella vitiensis* (Homoptera)
*Phyllophaga congrua* (Coleoptera)
*Phyllotreta aeneicollis* (Coleoptera)
*Plusia chalcites* (Lepidoptera)
*Prodenia litura* (Lepidoptera)
*Psara licarsisalis* (Lepidoptera)
*Scaphoideus albovittatus* (Homoptera)
*Schoenobius incertulas* (Lepidoptera)
*Sidemia depravata* (?) (Lepidoptera)
*Spodoptera mauritia* (Lepidoptera)
*Sybra alternans* (Coleoptera)
*Texananus spatulatus* (Homoptera)
BAGGAGE:
*Adoretus sinicus* (Coleoptera)
*Cryptotermes brevis* (Isoptera)
*Cylas formicarius* (Coleoptera)
*Pantomorus godmani* (Coleoptera)
BEAN:
*Callosobruchus maculatus* (Coleoptera)
*Prostephanus truncatus* (Coleoptera)
BONE MEAL:
*Nodonota tristis* (Coleoptera)
BULB:
*Glycyphagus domesticus* (Acarina)
CANE:
*Lyctus africanus* (Coleoptera)
FLOWERS:
*Dynatopechus calandrodes* (Coleoptera)
*Iridomyrmex humilis* (Hymenoptera)
*Pantomorus godmani* (Coleoptera)
*Prodenia eridania* (Lepidoptera)
*Prodenia ornithogalli* (Lepidoptera)
*Sybra alternans* (Coleoptera)
*Systole geniculata* (Hymenoptera)
GRAIN:
*Callosobruchus analis* (Coleoptera)
*Trogoderma granarium* (Coleoptera)
*Trogoderma parabile* (Coleoptera)
HERB:
*Brachyrhinus ovatus* (Coleoptera)
*Mamestra brassicae* (Lepidoptera)
*Phenacoccus solenopsis* (Homoptera)
*Tetraleurodes ursorum* (Homoptera)
LAVA ROCK:
*Zonitoides arboreus* (Mollusca)
LEAF:
*Adoretus sinicus* (Coleoptera)
*Aspidiotus destructor* (Homoptera)
*Asterolecanium pustulans* (Homoptera)
*Hemisa inconspicua* (Homoptera)
*Chrysomphalus tenax* (Homoptera)
*Protopulvinaria pyriformis* (Homoptera)
*Tetraleurodes acaciae* (Homoptera)
*Tetraleurodes ursorum* (Homoptera)
*Tetraleurodes variabilis* (Homoptera)
LEGUME:
*Callosobruchus maculatus* (Coleoptera)
*Tetraleurodes acaciae* (Homoptera)
PAPER:
*Cryptotermes brevis* (Isoptera)
PLANT:
*Dysdercus minulus* (Hemiptera)
*Exptochiomera confusa* (Hemiptera)
*Ferrisia virgata* (Homoptera)
*Iridomyrmex humilis* (Hymenoptera)
*Isorhinus undatus* (Coleoptera)
*Limax marginatus* (Mollusca)
*Limax maximus* (Mollusca)
*Pseudaonidia clavigera* (Homoptera)
*Pygopleurus vulpes* probably *chrysonota* (Coleoptera)
*Tetraleurodes ursorum* (Homoptera)
*Xerophilaspis prosopidis* (Homoptera)
QUARTERS:
*Melipotis famelica* (Lepidoptera)
RAILWAY CAR—REFRIGERATOR:
*Dysdercus obliguus* (Hemiptera)
*Theba pisana* (Mollusca)
SUCCULENT:
*Peridroma margaritosa* (Lepidoptera)
SUITCASE:
*Adoretus sinicus* (Coleoptera)
SEED POD:
*Fundella pellucens* (Lepidoptera)
TRACTOR:
*Helix nemoralis* (Mollusca)
TREE:
*Bradybaena similaris* (Mollusca)
WOOD:
*Heterobostrychus aequalis* (Coleoptera)
*Lyctus brunneus* (Coleoptera)
*Micrapate labialis* (Coleoptera)
*Prostephanus truncatus* (Coleoptera)
*Sinoxylon anale* (Coleoptera)
*Sinoxylon ceratoniae* (Coleoptera)
*Sinoxylon conigerum* (Coleoptera)
*Trogoxylon aequale* (Coleoptera)
WRAPPING PAPER:
*Adoretus sinicus* (Coleoptera)
*Cryptotermes brevis* (Isoptera)
*Lyctus brunneus* (Coleoptera)
*Oxydema fusiforme* (Coleoptera)
*Pantomorus godmani* (Coleoptera)
*Sybra alternans* (Coleoptera)

## *Countries of Origin and Insects*

AFGHANISTAN:
*Bruchus brachialis*
*Bruchus lentis*
*Bruchus ulicis*
*Callosobruchus analis*
*Ozycarenus hyalinipennis*
*Systole geniculata*
*Trogoderma granarium*
ALGERIA:
*Ceratitis capitata* (?)
*Parlatoria oleae*
*Sesamia cretica*
ANGOLA:
*Ceratitis capitata* (?)
*Olethreutes leucotreta*
ANGUILLA:
*Ancylostomia stercocrea*
ANTIGUA:
*Pulvinaria psidii*
*Trionymus sacchari*
ARGENTINA:
*Aleurothrixus floccosus*
*Anastrepha fraterculus*
*Parlatoria cinerea*
*Pseudaonidia trilobitiformis*
ARUBA:
*Leucaspis cockerelli*
*Unaspis citri*
ASIA:
*Minthea rugicollis*

*Countries of Origin and Insects*—Continued

AUSTRALIA:
*Aspidiotus australiensis*
*Bromeliaemiris puncticollis*
*Dacus tryoni* (?)
*Deroceras reticulatum*
*Frankliniella schultzei*
*Iridomyrmex glaber*
*Lepidosaphes tuberculata*
*Nezara viridula*
*Nysius clevelandensis*
*Ozycarenus bicolor*
*Tyrophagus infestans*
AUSTRIA:
*Eurydema oleraceum*
*Glycyphagus domesticus*
AZORES
*Bruchus azoricus* (?)
*Ceratitis capitata*
*Glycyphagus domesticus*
*Helix aspersa*
*Limax marginatus* (?)
*Rhagoletis cerasi* (?)
BAHAMAS:
*Crenidorsum commune*
*Melipotis famelica*
*Phenacoccus gossypii*
*Protopulvinaria pyriformis*
*"Targionia" sacchari*
BELGIAN CONGO:
*Olethreutes leucotreta*
*Pinnaspis pattersoni* (tentative)
BELGIUM:
*Aleyrodes azaleae*
*Anuraphis tulipae*
*Barathra brassicae*
*Bruchus brachialis*
*Deroceras reticulatum*
*Napomyza lateralis*
*Phytomyza rufipes*
BERMUDA:
*Antonina graminis*
*Bradybaena similaris*
*Bruchus tristis*
*Coccus viridis*
*Haplothrips gowdeyi*
*Homoeosoma electellum*
*Iridomyrmex humilis*
*Kalotermes snyderi*
*Nezara viridula*
*Pentalonia nigronervosa*
*Peridroma margaritosa*
*Pheidole megacephala*
*Phenacoccus gossypii*
*Prodenia eridania*
*Prodenia ornithogalli*
*Pseudococcus boninsis*
*Unaspis citri*
BRAZIL:
*Acanthoscelides armitagei*
*Anastrepha fraterculus*
*Anastrepha mombinpraeoptans*
*Anastrepha serpentina*
*Asterolecanium epidendri*
*Aulacaspis marginiferae*
*Bephrata maculicollis*
*Bradybaena similaris*
*Callosobruchus analis*
*Callosobruchus maculatus*
*Ceratitis capitata*
*Cerconota anonella*
*Chrysomphalus personatus*
*Diabrotica speciosa*
*Dinoderus bifoveolatus*
*Euscepes postfasciatus*
*Gymnandrosoma aurantianum*
*Maruca testulalis*
*Micrapate labialis*
*Microtheca ochroloma*
*Neoleucinodes elegantalis*
*Parlatoria cinerea*
*Pectinophora gossypiella*
*Pseudaonidia trilobitiformis*
*Stenoma catenifer*
*Tyrophagus infestans*
BRITISH GUIANA:
*Morganella longispina*
BRITISH GUIANA—Continued
*Parlatoria zizyphus*
BRITISH HONDURAS:
*Vinsonia stellifera*
CANADA:
*Agriotes limosus*
*Allantus cinctus*
*Athous haemorrhoidalis* (?)
*Brachyrhinus ovatus*
*Brachyrhinus rugosostriatus*
*Bruchus brachialis*
*Galerucella xanthomelaena*
*Lecanium fletcheri*
*Parlatoria oleae*
*Phenacaspis pinifoliae* (?)
*Philaenus leucophthalmus*
*Silona hispidula*
CANAL ZONE:
*Ancylostomia stercorea*
*Aspidiotus destructor*
*Asterolecanium epidendri*
*Brevipalpus phoenicis*
*Chrysomphalus personatus*
*Chrysomphalus umboniferus*
*Conchaspis orchidarum*
*Furcaspis biformis*
*Galgupha punctifer*
*Leucaspis cockerelli*
*Megalocysta gibbifera*
*Nasutitermes corniger*
*Odonaspis ruthae*
*Parlatoria pseudaspidiotus*
*Pheidole megacephala*
*Platynota rostrana* (?)
*Pseudaonidia trilobitiformis*
*"Targionia" hartii*
*Tenthecoris bicolor*
*Tenthecoris distinguendus*
*Tenuipalpus pacificus*
*Unaspis citri*
*Vilga dissimilis*
*Vilga divaricata*
*Vinsonia stellifera*
*Zonitoides arboreus*
CANARY ISLANDS:
*Gnorimoschema ocellatella*
*Leucaspis pusilla*
CAPE VERDE ISLANDS:
*Callosobruchus maculatus*
*Caryedon fuscus*
CAYMAN ISLANDS:
*Aspidiotus destructor*
CENTRAL AMERICA:
*Iridomyrmex humilis*
*Phyllophaga congrua*
*Stenoma catenifer*
CEYLON:
*Furcaspis biformis*
*Parlatoria pseudaspidiotus*
CHILE:
*Deroceras reticulatum*
*Leptoglossus chilensis*
*Megalometis chilensis*
*Metamasius sericeus*
*Naupactus xanthographus*
*Nezara viridula*
*Nodonota tristis*
*Pantomorus godmani*
CHINA:
*Aonidiella inornata*
*Callosobruchus maculatus*
*Chrysomphalus diversicolor* (tentative)
*Fulvius brevicornis*
*Heterobostrychus aequalis*
*Lyctus brunneus*
*Paratetranychus pratensis*
COLOMBIA:
*Agonum rugulosus*
*Anastrepha fraterculus*
*Anastrepha serpentina*
*Dracculacephala clypeata*
*Leucaspis cockerelli*
*Microcerotermes exiduus*
*Nysius californicus*
*Ochterus perbosci*

*Countries of Origin and Insects*—Continued

COLOMBIA—Continued
*Pinnaspis buxi*
*Unaspis citri*
COSTA RICA:
*Anastrepha mombinpraeoptans*
*Anastrepha striata*
*Asterolecanium epidendri*
*Chrysomphalus umboniferus*
*Deroceras reticulatum*
*Furcaspis biformis*
*Limax marginatus*
*Pentalonia nigronervosa*
*Phelomerus aberrans*
*Pseudischnaspis alienus*
*Tetranychus mariannae*
*Tetraphana daphne*
CUBA:
*Anastrepha mombinpraeoptans*
*Aspidiotus destructor*
*Asterolecanium epidendri*
*Coccus viridis*
*Cylas formicarius elegantulus*
*Dialeurodes citrifolii*
*Gynaikothrips ficorum*
*Hedylepta indicata*
*Lamellaxis gracilis*
*Parlatoria cinerea*
*Pheidole megacephala*
*Phyllotreta aeneicollis*
*Pinnaspis buxi*
*Platynota rostrana*
*Prodenia eridania*
*Ribua innoxia*
*Selenothrips rubrocinctus*
*"Targionia" hartii*
*Unaspis citri*
*Vinsonia stellifera*
CYPRUS:
*Ceratitis capitata*
DOMINICA:
*Aonidiella comperi*
*Protopulvinaria longivalvata*
*Pseudaonidia trilobitiformis*
*Unaspis citri*
*Vinsonia stellifera*
DOMINICAN REPUBLIC:
*Aleurothrixus floccosus*
*Anastrepha mombinpraeoptans*
*Ancylostomia stercorea*
*Platynota rostrana*
ECUADOR:
*Anastrepha serpentina*
*Remisia inconspicua*
*Deroceras reticulatum*
*Metamasius sericeus*
*Stenoma catenifer*
EGYPT:
*Agrotis ypsilon*
*Ceratitis capitata*
*Gnorimoschema ocellatella*
*Hypera brunneipennis*
*Nodonota tristis*
*Sinoxylon ceratoniae*
*Tyrophagus infestans*
ENGLAND:
*Adoxophyes orana*
*Aleuroplatus plumosus*
*Anuraphis tulipae*
*Barathra brassicae*
*Brachyrhinus sulcatus*
*Callosobruchus maculatus*
*Dasyneura affinis*
*Deroceras reticulatum*
*Dialeurodes chittendeni*
*Eriophyes canestrinii*
*Frauenfeldiella jelineki*
*Helix nemoralis*
*Lampetia equestris*
*Laspeyresia splendana*
*Limax maximus*
*Periphyllus californiensis*
*Phytomyza atricornis* (?)
*Phytomyza rufipes*
*Pinnaspis buxi*
*Psylla buxi*
*Pulvinaria vitis*
ENGLAND—Continued
*Pyrausta nubilalis*
*Taeniothrips vulgatissimus*
ENIWETOK:
*Lepidosaphes esakii*
*Texananus spatulatus*
ENIWETOK (?):
*Perkinsiella saccharicida*
EUROPE:
*Rhagoletis cerasi*
FIJI ISLANDS:
*Aspidiotus palmae*
*Perkinsiella vitiensis*
*Sternochetus mangiferae*
*Xylothrips religiosus*
FORMOSA:
*Parlatoria zizyphus*
*Trogoderma granarium*
FRANCE:
*Asterobemisia carpini*
*Barathra brassicae*
*Bruchus brachialis*
*Bruchus guttalis*
*Bruchus lentis*
*Bruchus luteicornis*
*Ceratitis capitata*
*Chrysomphalus personatus*
*Deroceras reticulatum*
*Gortyna flavago*
*Lampetia equestris*
*Parlatoria zizyphus*
*Phytomyza rufipes*
*Polychrosis botrana*
*Rhagoletis cerasi*
GERMANY:
*Acrolepia assectella*
*Ardis sulcata*
*Argyresthia conjugella*
*Aspidiotus pyri*
*Baris lepidii*
*Brachyrhinus porcatus*
*Deroceras reticulatum*
*Epidiaspis piricola*
*Lampetia equestris*
*Laspeyresia strobilella*
*Leucaspis loewi*
*Limax marginatus*
*Phalonia zephyrana*
*Phytomyza rufipes*
*Rhagoletis cerasi*
*Sitona hispidula*
*Theba pisana*
GOLD COAST:
*Leucinodes orbonalis*
*Xyloperthella crinitarsis*
GREECE:
*Anuraphis cardui*
*Bruchus ervi*
*Bruchus lentis*
*Callosobruchus maculatus*
*Capitophorus chrysanthemi*
*Ceratitis capitata*
*Curculio elephas*
*Dacus oleae*
*Haplothrips cottei*
*Orsillus depressus*
*Parlatoria oleae*
*Sesamia cretica*
*Siphoninus phillyreae*
*Stephanitis pyri*
*Unaspis euonymi*
GRENADA:
*Asterolecanium pustulans*
*Callosobruchus phaseoli*
GUAM:
*Aonidiella inornata*
*Asterolecanium pustulans*
*Cassida circumdata*
*Conoderus pallipes*
*Dacus dorsalis*
*Lepidosaphes esakii*
*Pachodynerus nasidens*
*Prodenia litura*
*Pseudaonidia clavigera*

*Countries of Origin and Insects*—Continued

GUATEMALA:
*Anastrepha ludens*
*Anastrepha mombinpraeoptans*
*Anastrepha serpentina*
*Aulacaspis mangiferae*
*Chrysomphalus umboniferus*
*Deroceras reticulatum*
*Farinococcus guatemalensis*
*Galgupha punctifer*
*Limax marginatus*
*Metamasius sericeus*
*Oligonychus peruvianus*
*Ortholomus jamaicensis* (?)
*Protopulvinaria longivalvata*
*Puto ulter*
*Tetranychus desertorum*
*Vinsonia stellifera*

HAITI:
*Anastrepha mombinpraeoptans*
*Coccus viridis*
*Haplothrips gowdeyi*
*Parlatoria zizyphus*
*Systole geniculata*

HAWAII:
*Adoretus sinicus*
*Algarobius prosopis*
*Amorbia emigratella*
*Aphis citricidus*
*Araecerus vieillardi*
*Asterolecanium pustulans*
*Atractomorpha ambigua*
*Bradybaena similaris*
*Caryedon fuscus*
*Ceratitis capitata*
*Ceroplastes rubens*
*Coccus capparidis*
*Coccus viridis*
*Conoderus exsul*
*Coptotermes formosanus*
*Cryptophlebia illepida*
*Cryptotermes brevis*
*Cylas formicarius*
*Dacus cucurbitae*
*Dacus dorsalis*
*Deroceras reticulatum*
*Diocalandra taitensis*
*Dynatopechus calandrodes*
*Ereunetis flavistriata*
*Euscepes postfasciatus*
*Furcaspis biformis*
*Lampides boeticus*
*Lepidosaphes tokionsis*
*Lyctus brunneus*
*Maruca testulalis*
*Mauria submotatus*
*Megacerus alternatus*
*Mimosestes sallaei*
*Neoscatella sexnotata*
*Nomophila noctuella*
*Nysius dallasi*
*Omphisa anastomosalis*
*Onthophagus incensus*
*Opogona purpuriella*
*Orchidophilus aterrimus*
*Oxydema fusiforme*
*Oxydema longulus*
*Pantomorus godmani*
*Parlatoria crotonis*
*Parlatoria pseudaspidiotus*
*Passaloecus luzonensis*
*Pealius hibisci*
*Pectinophora gossypiella*
*Pentalonia nigronervosa*
*Perkinsiella saccharicida*
*Phenacaspis sandwicensis*
*Pinnaspis buxi*
*Plusia chalcites*
*Pseudaonidia clavigera*
*Pseudococcus palmarum*
*Putrinaria peidii*
*Selenothrips rubrocinctus*
*Spodoptera mauritia*
*Sternochetus mangiferae*
*Sybra alternans*
*Tetranychus cucurbitae*

HAWAII—Continued
*Trionymus sacchari*
*Zonitoides arboreus*

HONDURAS:
*Anastrepha mombinpraeoptans*
*Chrysomphalus umboniferus*
*Furcaspis biformis*
*Ligyrocoris abdominalis*
*Metamasius sericeus*
*Pheidole megacephala*
*Prodenia eridania*
*Pseudischnaspis alienus*
*Pseudoparlatoria ostreata*
*Tenthecoris confusus*
*Zonitoides arboreus*

INDIA:
*Aceria tulipae*
*Asterolecanium epidendri*
*Brevipalpus phoenicis*
*Callosobruchus analis*
*Caryedon fuscus*
*Cylas formicarius*
*Cylas formicarius formicarius*
*Dinoderus brevis*
*Ferrisia virgata*
*Heterobostrychus aequalis*
*Minthea rugicollis*
*Monomorium destructor*
*Omphisa anastomosalis*
*Sinoxylon conigerum*
*Sternochetus mangiferae*
*Tetranychus piercei*
*Trogoderma granarium*

INDONESIA:
*Callosobruchus analis*
*Coccus viridis*
*Pinnaspis theae* (?)

IRAN:
*Bruchus lentis*
*Bruchus tristis*

IRAQ:
*Callosobruchus maculatus*
*Eurygaster integriceps*

IRELAND:
*Arion ater*
*Deroceras reticulatum*
*Tarsonemus laticeps*

ISRAEL:
*Ceratitis capitata*
*Gnorimoschema ocellatella*
*Oxycarenus hyalinipennis*
*Virachola livia* (?)

ITALY:
*Acrolepia assectella*
*Anuraphis cardui*
*Aspidiotus hedericola*
*Barathra brassicae*
*Brachycerus albidentatus*
*Brachycerus algirus*
*Brevipalpus australis*
*Brevipalpus phoenicis*
*Bruchidius gilvus*
*Bruchus ervi*
*Bruchus signaticornis*
*Bruchus trisiculus*
*Bruchus tristis*
*Callosobruchus maculatus*
*Ceratitis capitata*
*Ceroplastes rusci*
*Ceroplastes sinensis*
*Cryptoblabes gnidiella*
*Curculio elephas*
*Dacus oleae*
*Deroceras reticulatum*
*Diaspis zamiae*
*Dicyphus annulatus*
*Drasterius bimaculatus*
*Dyspessa ulula*
*Epidiaspis piricola*
*Forficula decipiens*
*Helix aspersa*
*Hemimene juliana*
*Iridomyrmex humilis*
*Kalotermes flavicollis*
*Lampetia equestris*
*Laspeyresia splendana*

*Countries of Origin and Insects*—Continued

ITALY—Continued
*Leucaspis loewi*
*Lixus junci*
*Monosteira unicostata*
*Nemapogon granella*
*Nezara heegeri*
*Parlatoria oleae*
*Parlatoria zizyphus*
*Phalonia zephyrana*
*Phloeotribus scarabaeoides*
*Pieris brassicae*
*Polychrosis botrana*
*Prays oleellus*
*Pseudococcus gahani*
*Pygopleurus vulpes*, probably *chrysonota*
*Pyrausta nubilalis*
*Rhagoletis cerasi*
*Sesamia cretica*
*Theba pisana*
JAMAICA:
*Anastrepha mombinpraeoptans*
*Asterolecanium epidendri*
*Chrysomphalus tenax*
*Coccus viridis*
*Deroceras reticulatum*
*Fundella pellucens*
*Furcaspis biformis*
*Maruca testulalis*
*Monomorium destructor*
*Palaeopus costicollis*
*Pectinophora gossypiella*
*Pseudoparlatoria ostreata*
*Vinsonia stellifera*
JAPAN:
*Aleurotuberculatus similis*
*Aleyrodes azaleae*
*Aonidiella inornata*
*Aonidiella marginipora*
*Arcte caerulea*
*Aspidiotus degeneratus*
*Bradybaena similaris*
*Callosobruchus analis*
*Callosobruchus maculatus*
*Carposina sasakii*
*Ceroplastes japonica*
*Chilo suppressalis*
*Chrysomphalus bifasciculatus*
*Conoderus pallipes*
*Coptotermes formosanus*
*Cylas formicarius formicarius*
*Daileurodes citri*
*Eumerus tuberculatus*
*Glycyphagus domesticus*
*Grapholitha molesta*
*Laspeyresia splendana*
*Lepidosaphes pallida*
*Lepidosaphes tuberculata*
*Limax marginatus* (?)
*Maruca testulalis*
*Nephotettix apicalis*
*Nesosteles incisus*
*Nysius dallasi*
*Odonaspis secreta*
*Parlatoria camelliae*
*Parlatoria theae*
*Parlatoria zizyphus*
*Pectinophora gossypiella*
*Phenacaspis aucubae*
*"Poliaspis" pini*
*Porthetria mathura* (?)
*Prodenia litura*
*Pseudococcus matsumotoi*
*Pseudococcus pini*
*Pulvinaria horii*
*Pyrausta nubilalis*
*Scaphoideus albovittatus*
*Schoenobius incertulas*
*Stephanitis pyrioides*
*Unaspis yanonensis*
JAPAN (?):
*Autoserica castanea*
*Trogoxylon aequale*
KENYA:
*Callosobruchus maculatus*
*Callosobruchus marshalli*
*Callosobruchus phaseoli*
KOREA:
*Chilo suppressalis*
KWAJALEIN:
*Chrysopera combinans*
*Lepidosaphes esakii*
*Mniothripa lichenigera*
*Pachybrachius nigriceps*
LEBANON:
*Aceria tulipae*
*Bruchus ervi*
*Bruchus tristis*
*Dacus oleae*
*Dialeurodes kirkaldyi*
LIBERIA:
*Leucinodes orbonalis*
MADEIRA ISLANDS:
*Glycyphagus domesticus*
MALTA:
*Ceratitis capitata*
MARTINIQUE:
*Ferrisia virgata*
MARTINIQUE (?):
*"Targionia" sacchari*
MEXICO:
*Acanthoscelides obvelatus*
*Aleurocanthus woglumi*
*Aleuroparadoxus gardeniae*
*Aleuroplatus cococolus*
*Aleurothrixus floccosus*
*Alpheias conspirata*
*Amorbia emigratella*
*Anastrepha fraterculus*
*Anastrepha ludens*
*Anastrepha mombinpraeoptans*
*Anastrepha serpentina*
*Anastrepha striata*
*Aspidiotus destructor*
*Aspidiotus diffinis*
*Asterolecanium bambusae*
*Asterolecanium epidendri*
*Asterolecanium pustulans*
*Aufeius impressicollis*
*Aulacoscelis melanocera*
*Brevipalpus phoenicis*
*Cacographis osteolalis*
*Cactophagus validirostris*
*Calligrapha diversa*
*Capaneus tetricus*
*Caulophilus latinasus*
*Cerotoma atrofasciata* (?)
*Chelysoma variabilis*
*Chilo loftini*
*Chrysomphalus decorosus*
*Chrysomphalus lilacinus*
*Chrysomphalus odontoglossi*
*Chrysomphalus personatus*
*Chrysomphalus sphaerioides*
*Chrysomphalus tenax* (?)
*Chrysomphalus tingi*
*Chrysomphalus umboniferus*
*Conotrachelus aquacatae*
*Corythucha mcelfreshi*
*Corythucha spinosa*
*Cosmopolites sordidus*
*Chryphula apicalis*
*Chryphula apicatus*
*Curculio q-griseae*
*Cylas formicarius elegantulus*
*Dendrocoris variegatus*
*Diabrotica lepida*
*Diorymerellus laevimargo*
*Disonycha antennata*
*Dysdercus concinnus*
*Dysdercus mimulus*
*Dysdercus obliquus*
*Epinotia aporema*
*Eurytoma orchidearum*
*Eutetranychus banksi*
*Exeres comyntas*
*Exergestis rimosalis*
*Exptochiomera albomaculata*
*Exptochiomera confusa*
*Farinococcus guatemalensis*
*Genuchinus v-notatus*
*Geocoris flavilineus*
*Gnorimoschema gudmannella*

*Countries of Origin and Insects*—Continued

MEXICO—Continued
*Grapholitha packardi*
*Heliothis subflexa*
*Helix aspersa*
*Homalodisca centrolineata* (?)
*Hypera brunneipennis*
*Icerya aegyptiaca* (?)
*Isorhinus undatus*
*Lepidosaphes philococcus*
*Leucoptera coffeella*
*Ligyrocoris abdominalis*
*Ligyrocoris aurivilliana*
*Lygaeus uhleri*
*Lygus lineolaris*
*Mamurius mopsus*
*Metamasius sericeus*
*Micrapate labialis*
*Monanthia monotropidia*
*Mormidea collaris*
*Myochrous carinatus*
*Myodocha longicollis*
*Neoleucinodes elegantalis*
*Neoleucon rubrotylus*
*Neolobophora lugubris*
*Neolobophora ruficeps*
*Neosteingelia texana*
*Neuroctenus litigiosus*
*Noella floridula*
*Nysius raphanus*
*Odontolozozus longicornis*
*Oedancala bimaculata*
*Oedotingis mexicanus*
*Oplomus rutilus*
*Opsius stactogalus*
*Orthezia pseudinsignis*
*Oscinella dampfi*
*Oxygrylius ruginasus*
*Ozophora consanguineus*
*Pachodynerus nasidens*
*Pangaeus piceatus*
*Pangaeus rugifrons*
*Paragonatas divergens*
*Paratrioza cockerelli*
*Parlatoria cinerea*
*Paromius longulus*
*Pectinophora gossypiella*
*Pentacora signoretti*
*Pentalonia nigronervosa*
*Peridroma margaritosa*
*Phelypera distigma*
*Phenacoccus gossypii*
*Phenacoccus solenopsis*
*Phlegyas annulicrus*
*Phyllecthrus subsulcata*
*Phyllotreta aeneicollis*
*Plagiodera semivittata*
*Platycarenus humilis*
*"Poliaspis" pini*
*Prodenia eridania*
*Prostephanus truncatus*
*Pseudischnaspis alienus*
*Reticulitermes flavipes*
*Rhagoletis pomonella*
*Sisamnes contractus*
*Stenoma catenifer*
*Talponia batesi*
*Tapinaspis wesmaeli*
*"Targionia" bromeliae*
*Tempyra biguttula*
*Tenthecoris angustimarginatus*
*Tenthecoris bicolor*
*Tenthecoris confusus*
*Tenuirostritermes cinereus*
*Tetraleurodes acaciae*
*Tetraleurodes ursorum*
*Thecla ziba*
*Trialeurodes variabilis*
*Trialeurodes vaporariorum*
*Trialeurodes vitrinellus*
*Trogoderma granarium*
*Trogoderma parabile*
*Trogozylon prostomoides*
*Unaspis citri*
*Xerophilaspis prosopidis*
*Zonitoides arboreus*
*Zygogramma lepidula*

MIDWAY:
*Arcte caerulera*
*Conoderus pallipes*
MONTSERRAT:
*Ancylostomia stercorea*
*Coccus viridis*
*Cylas formicarius elegantulus*
MOROCCO:
*Bruchus lentis*
*Ceratitis capitata*
NETHERLANDS:
*Adoxophyes orana*
*Allantus cinctus*
*Anuraphis tulipae*
*Barathra brassicae*
*Deroceras reticulatum*
*Dialeurodes chittendeni*
*Eriophyes canestrinii*
*Gracilaria azaleella*
*Lampetia equestris*
*Lecanium corni*
*Lecanium coryli*
*Periphyllus californiensis*
*Phytomyza rufipes*
*Rhopalosiphoninus tulipaella*
*Sitona lineata*
*Theba pisana* (?)
NEW GUINEA:
*Pheidole megacephala*
NEW ZEALAND:
*Deroceras reticulatum*
NICARAGUA:
*Anastrepha ludens*
*Anastrepha mombinpraeoptans*
*Anastrepha serpentina*
*Ferrisia virgata*
*Leucaspis cockerelli*
NIGERIA:
*Callosobruchus maculatus*
*Parlatoria zizyphus*
*"Targionia" hartii*
NORTHERN IRELAND:
*Lampetia equestris*
NORWAY:
*Argyresthia conjugella*
*Laspeyresia strobilella*
*Limax maximus*
PAKISTAN:
*Callosobruchus maculatus*
*Parlatoria crypta*
*Sinoxylon anale*
PANAMA:
*Anastrepha mombinpraeoptans*
*Aspidiotus destructor*
*Furcaspis biformis*
*Lepidosaphes tokionis*
*Pentalonia nigronervosa*
*Pulvinaria psidii*
*Stenoma catenifer*
PARAGUAY:
*Caryedon fuscus*
PERU:
*Anastrepha fraterculus*
*Coptotermes testaceus*
*Epinotia aporema*
*Gnorimoschema plaesiosema*
*Parlatoria cinerea*
PHILIPPINES:
*Aspidiotus palmae*
*Aulacaspis mangiferae*
*Callosobruchus maculatus*
*Caryedon fuscus*
*Ferrisia virgata*
*Lygaeus pulchellus*
*Nephotettix apicalis*
*Nymphula fluctuosalis*
*Parlatoria zizyphus*
*Pheidole megacephala*
*Pseudaonidia trilobitiformis*
*Pseudococcus lilacinus*
*Puto spinosus*
PORTUGAL:
*Apion pomonae*
*Ceratitis capitata*
*Deroceras reticulatum*
*Laspeyresia splendana*

*Countries of Origin and Insects*—Continued

PORTUGAL—Continued
*Limax marginatus*
*Phytomyza atricornis* (?)
PUERTO RICO:
*Anastrepha mombinpraeoptans*
*Anastrepha suspensa*
*Aspidiotus herculeanus*
*Asterolecanium pustulans*
*Conchaspis orchidarum*
*Cryptotermes brevis*
*Cylas formicarius elegantulus*
*Maruca testulalis*
*Pachyzancla periusalis*
RHODESIA:
*Carbula damalis*
*Specularius impressithorax*
ST. KITTS:
*Ancylostomia stercorea*
*Asterolecanium miliaris robustum* (?)
*"Targionia" hartii*
*Tetranychus tumidus*
ST. VINCENT:
*Acanthoscelides armitagei*
SALVADOR:
*Anastrepha ludens*
*Anastrepha mombinpraeoptans*
*Anastrepha serpentina*
*Aulacaspis mangiferae*
*Farinococcus guatemalensis*
*Stenoma catenifer*
*Vinsonia stellifera*
SCOTLAND:
*Gelechia ericetella*
*Lecanium coryli*
*Orthotylus ericetorum*
*Scolopostethus decoratus*
*Strophosoma limbatus*
*Strophosoma melanogrammum*
*Tingis cardui* (?)
SOUTH PACIFIC:
*Pachybrachius nigriceps*
SPAIN:
*Bemisia inconspicua*]
*Brachycerus algirus*
*Ceratitis capitata*
*Cryptoblabes gnidiella*
*Lampides boeticus*
*Laspeyresia splendana*
*Parlatoria zizyphus*
*Peridroma margaritosa*
SPANISH MOROCCO:
*Ceratitis capitata*
SWEDEN:
*Deroceras reticulatum*
*Hylemya floralis*
*Peritrechus sylvestris*
*Phytomyza rufipes*
*Rhagoletis cerasi*
SWITZERLAND:
*Psylla rhododendri*
SYRIA:
*Bruchus ervi*
TAHITI:
*Brevipalpus phoenicis*
*Morganella longispina*
THAILAND:
*Leucinodes orbonalis*
*Monomorium destructor*
*Parlatoria proteus*
*Parlatoria pseudaspidiotus*
TOBAGO:
*Asterolecanium epidendri*
TRANSVAAL:
*Bolbocoris variolosus*
TRINIDAD:
*Callosobruchus maculatus*
*Cerconota anonella*
*Chrysomphalus tenax*
*Coccus viridis*
*Eucalandra setulosa*
*Lepidosaphes tokionis*
*Leucaspis cockerelli*
*Maruca testulalis*
*Monomorium destructor*
*Parlatoria cinerea*
*Pectinophora gossypiella*
*Pinnaspis buxi*
*Protopulvinaria longivalvata*
*Pseudaonidia trilobitiformis*
*Pulvinaria psidii*
*Puto barberi*
*Unaspis citri*
*Vinsonia stellifera*
TURKEY:
*Bruchophagus onobrychidis*
*Sesamia cretica*
UNION OF SOUTH AFRICA:
*Blissus diplopterus*
*Callosobruchus marshalli*
*Carbula litigatrix*
*Chionaspis diosomae*
*Deroceras reticulatum*
*Epichorista ionephela*
*Iridomyrmex humilis*
*Odonaspis ruthae*
*Olethreutes leucotreta*
*Pantomorus godmani*
*Parlatoria cinerea*
*Phenococcus stelli*
*Phlyctinus callosus*
*Xanthogramma calopus*
UNKNOWN:
*Bruchus tristis*
*Ceratitis capitata*
*Conoderus pallipes*
*Crenotiades stramineus*
*Diabrotica brevilineata*
*Epidiaspis piricola*
*Eriococcus araucariae*
*Lyctus africanus*
*Nephotettix apicalis*
*Opshomala vitreipennis*
*Parlatoria zizyphus*
*Prodenia litura*
*Psylla buxi*
*Pyrrhocoris apterus*
*Sidemia depravata* (?)
*Theba pisana*
VENEZUELA:
*Aulacaspis mangiferae*
*Deroceras reticulatum*
*Eurytoma orchidearum*
*Furcaspis biformis*
*Iridomyrmex iniquus*
*Protopulvinaria longivalvata*
VIRGIN CORDA:
*Fundella pellucens*
WEST PACIFIC:
*Psara licarsisalis*
YUGOSLAVIA:
*Curculio elephas*
*Laspeyresia splendana*
*Prays oleellus*
*Rhagoletis cerasi*

*Pests collected and reported from July 1, 1954, through June 30, 1955*

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| ‡*Alternaria dianthicola* Neerg.: | | | | | |
| *Dianthus* sp. (carnation) | Italy | 1 | | | Mass. |
| ‡*Alternaria gomphrenae* Togashi: | | | | | |
| *Gomphrena globosa* (globe-amaranth) | Puerto Rico | 1 | | | P. R. |
| *Anthostomella keissleri* Cash & Watson: | | | | | |
| *Brassavola nodosa* (orchid) | Canal Zone | | | 1 | Tex. |
| Orchid | Costa Rica | | | 1 | Tex. |
| ‡*Ascochyta aucubae* Sacc. & Speg. (?): | | | | | |
| *Aucuba* sp. | Belgium | | | 1 | N. J. |
| *Ascochyta bolthauseri* Sacc.: | | | | | |
| Bean | Germany | | | 1 | Mich. |
| *Asperisporium caricae* (Speg.) Maubl.: | | | | | |
| *Carica papaya* (papaya) | Cuba, Mexico | 2 | 1 | 1 | N. J., Tex. |
| †*Botrytis gladiolorum* Timmerm.: | | | | | |
| *Gladiolus* sp. | Australia | 1 | | | Hawaii. |
| ‡*Cercospora caribaea* Chupp & Cif.: | | | | | |
| *Manihot esculenta* (cassava) | Ecuador | | 1 | | Pa. |
| *Cercospora coffeicola* Berk. & Cke.: | | | | | |
| *Coffea* sp. (coffee) | Brazil, Mexico | 2 | | | P. R., Tex. |
| ‡*Cercospora crotonis* Ell. & Ev.: | | | | | |
| *Codiaeum* sp. (croton) | Mexico | | | 1 | Tex. |
| *Cercospora insulana* Sacc.: | | | | | |
| *Armeria* sp. (statice) | do | 1 | | | Tex. |
| †*Cercospora ipomoeae* Wint.: | | | | | |
| *Ipomoea* sp. | Bermuda | 1 | | | N. Y. |
| *Cercospora kalmiae* Ell. & Ev.: | | | | | |
| *Kalmia latifolia* (mountain laurel) | England, Netherlands, unknown. | | 4 | | Mass., N. Y. |
| *Cercospora musae* Zimm.: | | | | | |
| *Musa paradisiaca sapientum* (banana) | Honduras | 1 | | | Ala. |
| *Cercospora protearum* Cke.: | | | | | |
| *Protea* sp. | Union of South Africa | 1 | | | N. Y. |
| *Cercospora punicae* P. Henn.: | | | | | |
| *Punica granatum* (pomegranate) | Mexico | 2 | | | Tex. |
| *Cercospora purpurea* Cke.: | | | | | |
| *Persea americana* (avocado) | Mexico, Trinidad | 1 | 1 | | P. R., Tex. |
| *Cercospora vaginae* Krueger: | | | | | |
| *Saccharum officinarum* (sugarcane) | Antigua | 1 | | | St. Thomas & St. John. |
| *Cerebella andropogonis* Ces.: | | | | | |
| *Cynodon dactylon* (Bermuda grass) | Kenya | | | 1 | D. C. |
| *Panicum* sp. | Transvaal | | | 1 | D. C. |
| *Paspalum dilatatum* (Dallas grass) | Australia | | | 1 | Pa. |
| *Paspalum* sp. | do | | | 1 | N. J. |
| *Pennisetum ciliare* | Kenya | | | 3 | D. C. |
| ‡*Chrysomyxa ledicola* (Pk.) Lagh.: | | | | | |
| *Picea* sp. (spruce) | Canada | 1 | | | Md. |
| *Chrysomyxa ledi* (Alb. & Schw.) d By. var. *rhododendri* (d By.) Savile: | | | | | |
| *Rhododendron cremastum* | England | | | 1 | N. J. |
| *Rhododendron ferrugineum* (rock rhododendron) | Switzerland, unknown | 25 | | | N. J., N. Y. |
| *Rhododendron hirsutum* | England | | | 1 | N. J. |
| *Rhododendron* sp. | Switzerland | 1 | | 1 | Calif.* |
| †*Cintractia caricis* (Pers.) Magn.: | | | | | |
| *Carex* sp. | Iran | | | 1 | D. C. |
| *Coleosporium bletiae* Diet.: | | | | | |
| *Phajus wallichii* (orchid) | India | | | 2 | Fla., N. J. |
| *Coleosporium ipomoeae* (Schw.) Burr.: | | | | | |
| *Ipomoea* sp. | Mexico | 1 | | | Tex. |
| ‡*Colletotrichum anonicola* Speg.: | | | | | |
| *Annona muricata* (soursop) | Puerto Rico | 1 | | | P. R. |
| ‡*Colletotrichum anthurii* Del.: | | | | | |
| *Anthurium* sp. | Mexico, Panama | | | 2 | Fla., Tex. |
| *Colletotrichum azaleae* Ell. & Ev.: | | | | | |
| *Rhododendron* sp. | Netherlands | | | 1 | N. J. |
| ‡*Colletotrichum dieffenbachiae* Verpl. & Van den Broecke: | | | | | |
| *Dieffenbachia* sp. | Mexico | | | 1 | Tex. |
| *Colletotrichum ficus* Koord. (?): | | | | | |
| *Ficus* sp. | do | | | 1 | Ariz. |

See footnotes at end of table.

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Colletotrichum graminicola* (Ces.) G. W. Wils.: | | | | | |
| *Triticum aestivum* (wheat) | France | 1 | | | P. R. |
| *Colletotrichum lilacearum* (Schw.) Ferr.: | | | | | |
| *Iris germanica* (German iris) | Australia, England, Scotland. | | | 3 | Calif.* |
| *Iris* sp | Australia | | | 1 | Calif.* |
| *Lilium auratum* (goldband lily) | Japan | | | 2 | Calif.*, Oreg. |
| *Lilium* sp | do | | | 1 | Calif.* |
| *Colletotrichum philodendri* P. Henn.: | | | | | |
| *Philodendron* sp | Puerto Rico | | | 1 | P. R. |
| ‡*Colletotrichum pothi* Koord.: | | | | | |
| *Scindapsus* sp | Martinique | 1 | | | Pa. |
| ‡*Colletotrichum thuemenii* (Sacc.) Petr.: | | | | | |
| *Alocasia longiloba* | Puerto Rico | | | 1 | P. R. |
| †*Colletotrichum truncatum* (Schw.) Andrus & W. D. Moore: | | | | | |
| *Phaseolus vulgaris* var. (string bean) | Brazil | 1 | | | P. R. |
| ‡*Coniothecium scabrum* McAlp. (?): | | | | | |
| *Citrus limon* (lemon) | Italy | 1 | | | N. Y. |
| *Coniothyrium cytisellum* (Pass. & Theum.) Sacc.: | | | | | |
| *Laburnum watereri* (waterer laburnum) | Netherlands | | | 11 | N. J. |
| *Coniothyrium olivaceum* Bon.: | | | | | |
| *Citrus aurantifolia* (sweet lime) | Mexico | 1 | | | Ariz. |
| *Cordana musae* (Zimm.) Hoehn.: | | | | | |
| *Musa paradisiaca* (plantain) | Dominican Republic | 1 | | | N. Y. |
| *Coryneum carpophilum* (Lev.) Jauch: | | | | | |
| *Prunus armeniaca* (apricot) | Union of South Africa | | 1 | | N. Y. |
| *Prunus persica* (peach) | Italy, Mexico | 2 | | 1 | N. Y., Tex. |
| *Cryptospora longispora* Servazzi: | | | | | |
| *Araucaria excelsa* (Norfolk-Island-pine) | Australia, Japan, Norfolk Island. | | 3 | 2 | Calif.* |
| ‡*Cryptosporium neesii* Cda. (?): | | | | | |
| *Alnus incana aurea* (yellowleaf alder) | Netherlands | | | 1 | N. J. |
| *Curvularia trifolii* (Wakk.) Boed.: | | | | | |
| *Gladiolus* sp | Cuba | | 1 | | Tex. |
| *Cylindrosporium pomi* C. Brooks: | | | | | |
| *Malus sylvestris* (apple) | Netherlands | | 1 | | Pa. |
| ‡*Cytospora fertilis* Sacc.: | | | | | |
| *Salix discolor* (pussy willow) | England | | 1 | | Pa. |
| ‡*Cytospora pinastri* Fr.: | | | | | |
| *Pinus sylvestris* (Scotch pine) | Scotland | 1 | | | Mass. |
| †*Cytospora sacchari* Butl.: | | | | | |
| *Saccharum officinarum* (sugarcane) | Mexico | | 2 | | Tex. |
| ‡*Cytospora salicis* (Cda.) Rabh.: | | | | | |
| *Salix* sp (willow) | Germany | 1 | | | Pa. |
| *Dendrophoma obscurans* (Ell. & Ev.) H. W. Anderson: | | | | | |
| *Fragaria* sp | Czechoslovakia | | | 1 | N. J. |
| †*Diaporthe eres* Nits.: | | | | | |
| *Rosa multiflora* (Japanese rose) | Germany | | | 1 | Calif.* |
| *Rosa* sp | Mexico | 1 | | | Tex. |
| ‡*Diplodia magnoliae* West.: | | | | | |
| *Cercidiphyllum* sp | Netherlands | | | 1 | N. J. |
| *Diplodina eurhododendri* Voss: | | | | | |
| *Rhododendron laetevirens* | do | | | 1 | N. J. |
| ‡*Diplodina salicis* West.: | | | | | |
| *Salix discolor* (pussy willow) | England | | 1 | | Pa. |
| *Discosia artocreas* Fr.: | | | | | |
| *Camellia* sp | Japan | | | 1 | Calif.* |
| *Philodendron* sp | Mexico | | | 1 | Calif.* |
| ‡*Dothiorella gregaria* Sacc.: | | | | | |
| *Araucaria cunninghami* | Australia | | | 1 | Calif.* |
| *Elsinoe australis* Bitanc. & Jenkins: | | | | | |
| *Citrus aurantifolia* (sour lime) | Argentina, Brazil | | 2 | | Calif.,* La. |
| *Citrus aurantium* (sour orange) | Brazil | | 1 | | Calif.* |
| *Citrus limon* (lemon) | Argentina, Brazil | | 23 | | Calif.,* La., Md., Mass., N. Y., Pa., Tex. |
| *Citrus reticulata* (Mandarin orange) | Argentina | | 1 | | Pa. |

See footnotes at end of table.

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Elsinoe australis*—Continued | | | | | |
| *Citrus reticulata unshiu* (satsuma orange) | Brazil | | | 1 | La. |
| *Citrus sinensis* (orange) | Argentina, Brazil, Paraguay, Uruguay. | 2 | 54 | | Ala., Calif.,* Fla.,* La., Md., Mass., N. Y., Pa., Tex. |
| ‡*Entyloma crastophilum* Sacc.: | | | | | |
| *Hordeum* sp. | Afghanistan | | | 1 | D. C. |
| *Entyloma oryzae* Syd. & P. Syd.: | | | | | |
| *Oryza sativa* (rice) | India, Japan, Mexico, Spain. | 3 | 1 | | Hawaii, Ill., N. Y., Tex. |
| *Erwinia citrimaculans* (Doidge) Magrou: | | | | | |
| *Citrus limon* (lemon) | Italy, Union of South Africa. | | 2 | | P. R., Tex. |
| *Citrus sinensis* (orange) | Pitcairn Island | | 1 | | Tex. |
| *Eutypella cocos* Ferd. & Winge: | | | | | |
| *Cocos nucifera* (coconut) | Guam, Philippines | 1 | | 1 | Calif.,* Hawaii. |
| *Exosporium palmivorum* Sacc.: | | | | | |
| *Chamaedorea* sp. | Mexico | 2 | | | Tex. |
| Palm | do | 4 | | | Tex. |
| †*Fusarium oxysporum* Schlect. f. *cepae* (Harz) Snyd. & Hansen: | | | | | |
| *Allium sativum* (garlic) | Spain | 1 | | | P. R. |
| *Fusarium oxysporum* Schlect. f. *gladioli* (Massey) Snyd. & Hansen: | | | | | |
| *Gladiolus* sp. | France | 1 | | | Mich. |
| †*Fusarium oxysporum* Schlect. f. *narcissi* (Cke. & Mass.) Snyd. & Hansen: | | | | | |
| *Narcissus* sp. | Belgium | | | 1 | Pa. |
| *Fusicladium eriobotryae* (Cav.) Sacc.: | | | | | |
| *Eriobotrya japonica* (loquat) | Italy | 1 | | | N. Y. |
| ‡*Fusicladium pyrinum* (Lib.) Fckl.: | | | | | |
| *Pyrus communis* (pear) | Germany | 1 | | | Ill. |
| *Fusicoccum galericulatum* (Tul.) Sacc.: | | | | | |
| *Fagus sylvatica* (European beech) | Netherlands | | | 1 | N. J. |
| †*Gloeosporium musarum* Cke. & Mass.: | | | | | |
| *Musa paradisiaca sapientum* (banana) | Africa | 1 | | | La. |
| *Gloeosporium sansevieriae* Verwoerd & Duplessis: | | | | | |
| *Sansevieria* sp. | Philippines | | 1 | | Pa. |
| †*Graphiola phoenicis* (Moug.) Poit.: | | | | | |
| Palm | Turkey | | 1 | | Md. |
| *Guignardia traversi* (Cav.) Lind.: | | | | | |
| *Coelogyne* sp. (orchid) | New Guinea | | | 1 | Hawaii. |
| *Dendrobium forbesii* (orchid) | do | | | 1 | Hawaii. |
| ‡*Gymnosporangium clavipes* Cke. & Pk.: | | | | | |
| *Crataegus oxycantha* | Netherlands | | | 1 | N. J. |
| *Gymnosporangium haraeanum* Syd.: | | | | | |
| *Juniperus* sp. | Japan | | | 2 | Calif.* |
| ‡*Helminthosporium cucumerinum* Garbowski: | | | | | |
| *Cucumis sativus* (cucumber) | Mexico | 1 | | | Tex. |
| ‡*Hendersonia agaves* Maubl.: | | | | | |
| *Agave americana* (maguey) | do | 1 | | | Ariz. |
| *Hendrsonia crastophila* Sacc.: | | | | | |
| *Triticum aestivum* (wheat) | Japan | | 1 | | Ala. |
| *Heterodera avenae* Eidam: | | | | | |
| Soil | England | 1 | | | N. Y. |
| Soil with beets | Italy | | 1 | | N. Y. |
| Soil with cipollino | †Greece, Italy, †Morocco | 3 | | | N. Y. |
| Soil with citrus cuttings | Italy | | | 2 | N. Y. |
| Soil with fig tree | do | | | 1 | N. Y. |
| Soil with fig, grape, oleander and unidentified plants. | do | | | 1 | N. Y. |
| Soil with garlic | Italy, Spain | 2 | 1 | | N. Y. |
| Soil with gladiolus, hyacinth and tulip | France | | | 1 | N. J. |
| Soil with horseradish | Denmark, Germany | 4 | | | N. Y. |
| Soil with hyacinth plant | France | | | 1 | N. Y. |
| Soil with ivy plant | Luxembourg | | | 1 | N. Y. |
| Soil with jasmine plant | Italy | | | 1 | N. Y. |

See footnotes at end of table.

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Heterodera avenae*—Continued | | | | | |
| Soil with lily bulbs | Greece | | | 1 | N. Y. |
| Soil with lily-of-the-valley pips | Denmark | | | 2 | N. Y. |
| Soil with potatoes | Belgium, Denmark, England. | 1 | 2 | | Ga., N. Y., P. R. |
| Soil with unidentified plant | Italy | | | 1 | N. Y. |
| *Heterodera cacti* Filip & Schuur. Stek.: | | | | | |
| Soil with African violet plant | Mexico | | | 1 | Tex. |
| Soil with amaryllis bulbs | do | | | 1 | Tex. |
| Soil with asparagus, portulaca and other plants | do | | | 1 | Tex. |
| Soil with cactus plants | †Algeria, France, Germany, Italy, Mexico, Switzerland. | | | 36 | Ariz., N. J., N. Y., Tex. |
| Soil with carnation plant | Mexico | | | 1 | Tex. |
| Soil with fern plant | do | | | 1 | Tex. |
| Soil with garlic | do | 3 | | | N. Y., Tex. |
| Soil with *Gymnocalycium* spp. plants | Switzerland | | | 1 | N. J. |
| Soil with jicama roots | Mexico | 1 | | | Tex. |
| Soil with *Mammillaria* spp. plants | Switzerland | | | 1 | N. J. |
| Soil with *Oreocereus trollii* plant | do | | | 1 | N. J. |
| Soil with potted plants | Mexico | | | 4 | Tex. |
| Soil with portulaca plant | do | | | 1 | Tex. |
| Soil with potatoes | do | | 6 | | Tex. |
| Soil with succulent plants | do | | | 2 | Tex. |
| ‡*Heterodera humuli* Filip.: | | | | | |
| Soil with hop plant | Switzerland | | | 1 | N. J. |
| *Heterodera punctata* Thorne: | | | | | |
| Soil with agave plants | Germany, Mexico | | | 2 | Ariz., N. Y. |
| Soil with aloe plant | †Finland | | | 1 | Mass. |
| Soil with begonia plants | England, †Finland, Mexico. | | | 3 | N. J., N. Y., Tex. |
| Soil with dahlia tubers | Ireland | | | 1 | Mass. |
| Soil with fern plant | Mexico | | | 1 | Tex. |
| Soil with galanthus bulbs | Norway | | | 1 | N. Y. |
| Soil with heather plant | Scotland | | | 1 | N. J. |
| Soil with horseradish | Germany | 2 | | | N. Y. |
| Soil with hydrangea plant | England | | | 1 | N. J. |
| Soil with ivy plant | Mexico | | | 1 | Tex. |
| Soil with onions | Netherlands | | 1 | | P. R. |
| Soil with orchid plants | England | | | 3 | N. J. |
| Soil with potatoes | do | | | 1 | Minn. |
| Soil with shamrocks | do | 1 | | | Tex. |
| Soil with *Stachys sieboldii* tubers | do | | | 1 | N. J. |
| Soil with unidentified host material | Mexico | 1 | | | Tex. |
| *Heterodera rostochiensis* Wr.: | | | | | |
| Soil with amaryllis plants | Germany | | | 1 | N. Y. |
| Soil with beets | Netherlands | | 1 | | Calif.* |
| Soil with boxwood cuttings | Ireland | | | 1 | N. Y. |
| Soil with cactus plants | Mexico, Scotland | | | 2 | N. Y., Tex. |
| Soil with carnation plants | England, Germany, Scotland. | 1 | | 4 | N. Y. |
| Soil with carrots | Unknown | | 1 | | Ala. |
| Soil with coffee plants | Mexico | | | 1 | Tex. |
| Soil with crocus corms | Germany | | | 1 | N. Y. |
| Soil with crown of thorns plant | Denmark | | | 1 | N. Y. |
| Soil with dahlia roots | Wales | | | 1 | N. Y. |
| Soil with garlic | Argentina, Peru | 5 | | | N. Y. |
| Soil with geranium plants | England, Ireland | | | 3 | La., N. Y. |
| Soil with gladiolus corms | do | | | 2 | N. Y. |
| Soil with heather plants | England, Scotland | | | 4 | Ill., Mass., N. J., N. Y. |
| Soil with horseradish | Germany, Poland | 3 | | | N. J., N. Y. |
| Soil with hydrangea plants | England | | | 1 | N. Y. |
| Soil with ivy and fern plants | do | | | 1 | N. Y. |
| Soil with lily bulbs and iris plants | Belgium | | | 1 | N. Y. |
| Soil with lily-of-the-valley plants | England, Germany | | | 3 | N. J., N. Y. |
| Soil with lupine plants | England | 1 | | | N. Y. |
| Soil with narcissus bulbs | England, Ireland | | | 2 | N. Y. |
| Soil with unidentified plants | England, Germany, Mexico. | 1 | | 3 | N. Y., Tex. |

See footnotes at end of table.

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Heterodera rostochiensis*—Continued | | | | | |
| Soil with potatoes | Argentina, †Brazil, England, Germany, Spain, Sweden. | ---- | 8 | 3 | Calif., *Fla., *, La., Md., Mass., N. J., N. Y., Pa. |
| Soil with potatoes and sedum plants | Ireland | ---- | ---- | 1 | N. Y. |
| Soil with *Ribes* spp. plants | Austria | ---- | ---- | 1 | N. Y. |
| Soil with *Rubus* sp. canes and cuttings | Scotland | ---- | ---- | 1 | N. J. |
| Soil with shamrock plants | Germany | ---- | ---- | 1 | N. Y. |
| †*Heterodera schachtii* Schmidt: | | | | | |
| Soil with beets | Egypt | ---- | 1 | ---- | Pa. |
| †*Heterosporium iridis* (Fautr. & Roum.) Jacques: | | | | | |
| *Iris* sp | Netherlands | ---- | ---- | 1 | N. J. |
| †*Hypocrella caulium* (Berk. & Curt.) Pat.: | | | | | |
| Orchid | Costa Rica | ---- | ---- | 1 | Fla. |
| ‡*Hypocrella olivacea* Petch: | | | | | |
| *Hevea brasiliensis* (para rubbertree) | Liberia | 1 | ---- | ---- | N. Y. |
| Leprosis: | | | | | |
| *Citrus sinensis* (orange) | Brazil, Mexico | 7 | 2 | ---- | Ariz., Calif., Tex. |
| *Leptosphaeria eustomoides* Sacc.: | | | | | |
| *Triticum aestivum* (wheat) | Germany | 1 | ---- | ---- | Calif.* |
| †*Leptosphaeria heterospora* (de N.) Sacc.: | | | | | |
| *Iris atropurpurea* (blackpurple iris) | Israel | ---- | ---- | 1 | Calif.* |
| *Iris germanica* (German iris) | Scotland | ---- | ---- | 1 | Calif.* |
| *Leptosphaeria rusci* Sacc.: | | | | | |
| *Ruscus* sp | Italy | 8 | ---- | ---- | Pa. |
| *Lophodermium pinastri* (Fr.) Chev.: | | | | | |
| *Pinus* sp. (pine) | Scotland | 1 | ---- | ---- | Mass. |
| *Macrophoma araucariae* Del. | | | | | |
| *Araucaria cunninghamii* | Australia | ---- | ---- | 1 | Calif.* |
| *Araucaria excelsa* (Norfolk-Island-pine) | Norfolk Island | ---- | ---- | 4 | Calif.* |
| ‡*Macrophoma molleriana* (Thuem.) Berl. & Vogl.: | | | | | |
| *Eucalyptus* sp | Azores | 1 | ---- | ---- | Mass. |
| *Macrophoma oleae* (DC.) Berl. & Vogl.: | | | | | |
| *Olea europaea* (olive) | Italy | 1 | ---- | ---- | N. Y. |
| *Macrophomina phaseolina* (Tassi) Goid.: | | | | | |
| *Gladiolus* sp | Japan | ---- | ---- | 2 | Calif.* |
| *Ipomoea batatas* (sweetpotato) | Mexico | ---- | 1 | ---- | Calif.* |
| *Solanum tuberosum* (potato) | Belgium, Chile | ---- | 2 | ---- | Calif.* |
| †*Urginea maritima* (sea-onion) | Turkey | ---- | ---- | 1 | N. Y. |
| *Marssonina juglandis* (Lib.) Magn.: | | | | | |
| *Juglans regia* (English walnut) | Greece | 1 | ---- | ---- | N. Y. |
| *Meliola citricola* Syd.: | | | | | |
| *Citrus reticulata* (Mandarin orange) | Philippines | 1 | ---- | ---- | Hawaii. |
| *Meloidogyne hapla* Chitwood: | | | | | |
| *Cytisus praecox* (warminister broom) | Netherlands | ---- | ---- | 1 | N. J. |
| *Iris kaempferi* (Japanese iris) | Japan | ---- | ---- | 1 | N. J. |
| *Meloidogyne incognita* (Kofoid & White) Chitwood: | | | | | |
| *Solanum tuberosum* (potato) | †Argentina, † Azores, India, † Italy. | ---- | 4 | ---- | Pa. |
| *Meloidogyne javanica* (Treub.) Chitwood: | | | | | |
| *Ipomoea batatas* (sweetpotato) | † Egypt | ---- | 1 | ---- | Mass. |
| *Solanum tuberosum* (potato) | † Azores | ---- | 1 | ---- | Pa. |
| *Zantedeschia aethiopica* (callalily) | † France, † Italy | ---- | ---- | 2 | N. J. |
| ‡*Microdiplodia conigena* Allesch.: | | | | | |
| *Pinus canariensis* (?) (Canary pine) | Canary Islands | ---- | ---- | 1 | N. J. |
| *Micropeltis bakeri* (Syd.) Cash & Watson: | | | | | |
| *Epidendrum* sp. (orchid) | Canal Zone | ---- | ---- | 1 | Tex. |
| Orchid | Panama | ---- | ---- | 1 | Tex. |
| *Monilinia fructigena* (Aderh. & Ruhl.) Honey: | | | | | |
| *Malus sylvestris* (apple) | Germany, Italy | 2 | ---- | ---- | N. Y. |
| *Pyrus communis* (pear) | Italy | 1 | ---- | ---- | N. Y. |
| †*Monilinia laxa* (Aderh. & Ruhl.) Honey: | | | | | |
| *Prunus domestica* (plum) | Japan | ---- | 1 | ---- | Md. |
| *Prunus persica* (peach) | France | ---- | 1 | ---- | N. Y. |

See footnotes at end of table.

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Mycosphaerella cattleyae* Cash & Watson: | | | | | |
| *Cattleya bowringiana* (orchid) | Guatemala | | | 1 | Calif.* |
| *Epidendrum radicans* (orchid) | Costa Rica | | | 1 | Fla. |
| *Epidendrum* sp | Mexico | | | 1 | Tex. |
| *Sobralia lindleyana* (orchid) | Canal Zone | | | 1 | Calif.* |
| *Sobralia* sp | †Salvador | | | 1 | Fla. |
| ‡*Mycosphaerella euryae* Theis: | | | | | |
| *Eurya japonica* | Japan | 1 | | | Hawaii. |
| *Mycosphaerella pomi* (Pass.) Lindau: | | | | | |
| *Malus sylvestris* (apple) | England | | 1 | | Pa. |
| *Mycosphaerella schoenoprasi* (Ces. & de N.) Schroet.: | | | | | |
| *Allium cepa* (onion) | Japan | | 1 | | Calif.* |
| *Allium fistulosum* (Welsh onion) | do | 16 | | | Pa. |
| *Myriangium duriaei* Mont. & Berk.: | | | | | |
| *Prunus domestica* (plum) | Mexico | | | 1 | Tex. |
| *Neofabraea malicorticis* Jacks (?): | | | | | |
| *Malus sylvestris* (apple) | Germany | 1 | | | Oreg. |
| †*Neovossia indica* (Mitra) Mund.: | | | | | |
| *Triticum aestivum* (wheat) | Afghanistan | | | 1 | D. C. |
| *Oidium euonymi-japonici* (Acrang.) Sacc.: | | | | | |
| *Euonymus* sp | Germany | | 1 | | N. Y. |
| *Omphalia flavida* (Cke.) Maubl. & Rangel: | | | | | |
| *Gardenia augusta* (gardenia) | Mexico | 6 | 1 | | Calif.*, Tex. |
| *Oospora pustulans* Owen & Wakef.: | | | | | |
| *Solanum tuberosum* (potato) | Ireland | 1 | | | N. Y. |
| *Ophiostoma narcissi* Limber: | | | | | |
| *Narcissus* spp | Northern Ireland | | | 4 | N. J. |
| *Papulaspora parasitica* (Eidam) Harz.: | | | | | |
| *Beta vulgaris* (beet) | Italy | | 1 | | Calif.* |
| †*Pestalotia annulata* Berk. & Curt.: | | | | | |
| *Ilex crenata* (Japanese holly) | Japan | | | 1 | D. C. |
| ‡*Pestalotia coffeae* Zimm.: | | | | | |
| *Coffea sp.* (coffee) | Mexico | 1 | | | Tex. |
| *Pestalotia conspicua* Servazzi: | | | | | |
| *Dendrobium* sp. (orchid) | Australia | | | 1 | Hawaii. |
| Orchid | Brazil | | | 1 | P. R. |
| *Scaphyglottis mesocopis* (orchid) | Canal Zone | | | 1 | Hawaii. |
| *Stanhopea wardii* (orchid) | do | | | 1 | Fla. |
| *Vanda* "Ceylon Sunset" (orchid) | Ceylon | | | 1 | Hawaii. |
| ‡*Pestalotia eriobotryae* McAlp.: | | | | | |
| *Eriobotrya japonica* (loquat) | Japan | | 1 | | Calif.* |
| *Pestalotia funerea* Desm.: | | | | | |
| *Chamaecyparis thyoides* (falsecypress) | Canada | 1 | | | N. Y. |
| *Chamaecyparis* sp | do | 1 | | | N. Y. |
| *Thuja* sp. (arborvitae) | Brazil | 1 | | | Ala. |
| *Pestalotia micheneri* Guba: | | | | | |
| *Araucaria excelsa* (Norfolk-Island-pine) | Norfolk Island | | | 3 | Calif.* |
| *Pestalotia psidii* Pat.: | | | | | |
| *Psidium guajava* (guava) | Mexico | 1 | | | Ariz. |
| *Pestalotia rhododendri* (D. Sacc.) Guba: | | | | | |
| *Paeonia* sp. (peony) | Netherlands | | | 1 | N. J. |
| *Rhododendron* spp | New Zealand | | | 1 | Calif.* |
| ‡*Phakopsora jatrophicola* (Arth.) Cumm.: | | | | | |
| *Jatropha gossypiifolia* (bellyache nettlespurge) | Guadeloupe | 1 | | | St. Thomas & St. John. |
| ‡*Phoma apiicola* Kleb.: | | | | | |
| *Apium graveolens* (celery) | Netherlands | | 1 | | Calif.* |
| *Phoma citricarpa* McAlp.: | | | | | |
| *Citrus aurantiifolia* (sour lime) | Japan | | 1 | | Calif.* |
| *Citrus aurantium* (sour orange) | do | | 1 | | Calif.* |
| *Citrus grandis* (pummelo) | Straits Settlements | | 1 | | Calif.* |
| *Citrus limon* (lemon) | Australia, Fiji Islands, Hawaii, Java, New Zealand(?), Union of South Africa. | 1 | 9 | | Calif.*, Hawaii, Mass., Pa., Tex. |
| *Citrus paradisi* (grapefruit) | Union of South Africa | | 2 | | Md., Mass. |

See footnotes at end of table.

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Phoma citricarpa*—Continued | | | | | |
| *Citrus reticulata* (Mandarin orange) | China, Hawaii, Japan, Union of South Africa. | 38 | 8 | ---- | Calif.*, Hawaii, Md., Mass., N. Y., Tex., Wash. |
| *Citrus sinensis* (orange) | Australia, China, Formosa, Italy, Japan, Union of South Africa. | 18 | 23 | ---- | Calif.* Hawaii, La., Md. Mass., N. Y., Pa., Tex. |
| *Citrus* sp. (orange) | China, Orient | 2 | ---- | ---- | Mass., N. Y. |
| *Citrus* sp | China | 3 | ---- | ---- | Ill. |
| *Phoma engleri* Speg.: *Scindapsus* sp | Martinique | 1 | ---- | ---- | Pa. |
| *Phoma insidiosa* Tassi: *Sorghum vulgare* (sorghum) | Nigeria | ---- | ---- | 1 | D. C. |
| *Phoma japonica* Sacc: *Kerria japonica* (kerria) | Netherlands | ---- | ---- | 1 | N. J. |
| *Phoma nebulosa* (Fr.) (Berk.: *Pastinaca sativa* (parsnip) | Sweden | ---- | 1 | ---- | Calif.* |
| ‡*Phomopsis macrostomae* Trav.: *Fagus sylvatica* (European beech) | Netherlands | ---- | ---- | 1 | N. J. |
| *Phomopsis mali* Roberts (?): *Malus sylvestris* (apple) | Japan | ---- | 1 | ---- | Pa. |
| *Phomopsis orchidophila* Cash & Watson: *Laelia* sp. (orchid) | Mexico | ---- | ---- | 1 | Wash. |
| *Phomopsis palmicola* (Wint.) Sacc.: *Chamaedorea* sp | ....do | 1 | ---- | ---- | Tex. |
| *Phragmidum disciflorum* (Tode) James: *Rosa* sp | France | ---- | 1 | ---- | Mass. |
| *Phyllachora cynodontis* (Sacc.) Niessl.: *Cynodon dactylon* (Bermuda grass) | Kenya | ---- | ---- | 1 | D. C. |
| *Phyllachora engleri* Speg.: *Philodendron* sp | Costa Rica | ---- | ---- | 1 | Fla. |
| *Phyllachora graminis* (Fr.) Fckl.: Grass—unknown | Mexico | 1 | ---- | ---- | Tex. |
| Hay | India | ---- | 1 | ---- | Mass. |
| ‡*Phyllachora scleriae* Rehm.: *Scleria* sp. (?) | Italy | 1 | ---- | ---- | Pa. |
| †*Phyllosticta antirrhini* Syd.: *Antirrhinum majus* (snapdragon) | Japan | 1 | ---- | ---- | Hawaii. |
| *Phyllosticta cajani* Rangel: *Cajanus cajan* (pigeonpea) | Puerto Rico | 1 | ---- | ---- | Ala. |
| ‡*Phyllosticta extensa* Sacc. & Syd.: *Eucalyptus* sp | Spain | 1 | ---- | ---- | Pa. |
| *Phyllosticta mortoni* Fairm.: *Mangifera indica (mango)* | Hawaii | 1 | ---- | ---- | Hawaii. |
| †*Phyllosticta phaseolina* Sacc.: Leguminosae | Ecuador | 1 | ---- | ---- | Calif.* |
| *Phyllosticta ruscicola* Dur. & Mont.: *Ruscus* sp | Italy | 1 | ---- | ---- | Pa. |
| ‡*Phyllostictina mangiferae* Batista & Vital: *Mangifera indica* (mango) | Mexico | ---- | ---- | 1 | Tex. |
| *Phyllostictina pyriformis* Cash & Watson: *Dendrobium forbesii* (orchid) | New Guinea | ---- | ---- | 1 | Hawaii. |
| Orchid | Mexico, Panama | ---- | ---- | 2 | P. R., Tex. |
| *Stanhopea wardii* (orchid) | Canal Zone | ---- | ---- | 1 | Fla. |
| †*Physalospora obtusa* (Schw.) Cke.: *Malus sylvestris* (apple) | New Zealand | 1 | ---- | ---- | N. Y. |
| ‡*Physoderma schroeteri* Krieger: *Scirpus* sp. (?) | Portugal | 1 | ---- | ---- | Ala. |
| ‡*Phytophthora erythroseptica* Pethybridge: *Solanum tuberosum* (potato) | Netherlands | ---- | 1 | ---- | Ill. |
| *Phytophthora phaseoli* Thaxt.: *Phaseolus vulgaris* var. (string bean) | Mexico | 3 | ---- | ---- | Ariz. |

See footnote at end of table.

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| †*Plasmodiophora brassicae* Wor.: | | | | | |
| *Brassica oleracea capitata* (cabbage) | Ireland | | 1 | | Md. |
| *Polythrincium trifolii* Fr.: | | | | | |
| *Trifolium* sp. | Iran | | | 1 | D. C. |
| *Pseudomonas phaseolicola* (Burk.) Dowson (?): | | | | | |
| *Phaseolus vulgaris* | England | 1 | | | Fla.* |
| †*Pseudomonas semineum* Cayley (?): | | | | | |
| *Pisum sativum* (pea) | Turkey | | 1 | | Pa. |
| †*Pseudomonas syringae* v. Hall: | | | | | |
| *Citrus limon* (lemon) | Australia | | 1 | | Tex. |
| *Puccinia aeluropi* Ricker: | | | | | |
| *Aeluropus littoralis* | Afghanistan | | | 1 | D. C. |
| *Puccinia baccharidis* Diet. & Holw.: | | | | | |
| *Baccharis* sp. | Mexico | 1 | | | Tex. |
| *Puccinia buxi* DC.: | | | | | |
| *Buxus sempervirens* (boxwood) | England, Ireland, unknown | 1 | 6 | | Mass., N. Y. |
| *Puccinia cannae* (Wint.) P. Henn.: | | | | | |
| *Canna* sp. | Jamaica | | | 1 | Fla. |
| *Puccinia chrysanthemi* Roze: | | | | | |
| *Chrysanthemum morifolium* (chrysanthemum) | Japan | 1 | | | Wash. |
| *Chrysanthemum* sp. | do | 2 | 5 | | Hawaii. |
| †*Puccinia hordei* Otth.: | | | | | |
| *Hordeum* sp. | Afghanistan | | | 1 | D. C. |
| *Puccinia horiana* P. Henn.: | | | | | |
| *Chrysanthemum morifolium* (chrysanthemum) | Japan | | | 1 | Wash. |
| *Chrysanthemum* sp. | do | 6 | 10 | | Hawaii. |
| *Puccinia menthae* Pers.: | | | | | |
| *Mentha* sp. (mint) | Azores | 1 | | | Mass. |
| *Puccinia ornithogali-thyrsoides* Diet.: | | | | | |
| *Ornithogalum thyrsoides* (chinkerichee) | Union of South Africa | 4 | 1 | | Mass., N. Y. |
| *Puccinia pelargonii-zonalis* Doidge: | | | | | |
| *Pelargonium zonale* (horseshoe geranium) | Hawaii | 1 | | | Hawaii. |
| †*Puccinia phragmitis* (Schm.) Koern.: | | | | | |
| *Phragmites* sp. | Japan | | 1 | | Calif.* |
| ‡*Puccinia poae-nemoralis* Otth.: | | | | | |
| *Poa* sp. | Afghanistan | | | 1 | D. C. |
| *Puccinia scirpi* DC.: | | | | | |
| *Scirpus* sp. | Italy | 1 | | | Md. |
| ‡*Ramularia vallisumbrosae* Cav.: | | | | | |
| *Narcissus* sp. | England | 1 | | | N. Y. |
| Ringspot virus: | | | | | |
| *Citrullus vulgaris*) (watermelon) | Mexico, Spanish Morocco. | 1 | 1 | | Ariz., Tex. |
| *Sclerotiopsis testudinea* Dearn.: | | | | | |
| *Paeonia suffruticosa* (tree peony) | Japan | | | 35 | Calif.* |
| *Paeonia* sp. | do | | | 1 | Calif.* |
| ‡*Septonema toruloides* Cke. & Ell.: | | | | | |
| *Dahlia* sp. | Australia | | | 1 | Calif.* |
| ‡*Septoria aristolochiae* Sacc. (?): | | | | | |
| *Aristolochia sempervirens* | England | | | 1 | N. J. |
| *Septoria citri* Pass.: | | | | | |
| *Citrus limon* (lemon) | Argentina, Italy, Japan, Panama, Spain, Tunisia. | | 8 | | Ala., Calif.*, N. Y. |
| *Citrus paradisi* (grapefruit) | Panama | | 1 | | Calif.* |
| *Citrus sinensis* (orange) | Italy, Japan, Spain | | 5 | | Calif.*, Hawaii. |
| ‡*Septoria phleina* Baudys & Picb. (?): | | | | | |
| *Phleum* sp. | Afghanistan | | | 1 | D. C. |
| *Septoria selenophomoides* Cash & Watson: | | | | | |
| *Cymbidium* sp. (orchid) | England | | | 1 | Wash. |
| *Laelia* sp. (orchid) | Brazil | | | 1 | Calif.* |
| *Odontoglossum* sp. (orchid) | Mexico | | | 1 | Calif.* |
| Orchid | do | | | 2 | Calif.*, Tex. |
| *Stanhopea* sp. (orchid) | do | | | 1 | Tex. |
| *Sphaceloma mangiferae* Bitanc. & Jenkins: | | | | | |
| *Mangifera indica* (mango) | do | 1 | | | Tex. |

See footnotes at end of table.

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| *Sphaceloma punicae* Bitanc. & Jenkins: | | | | | |
| *Punica granatum* (pomegranate) | Italy, Mexico | 4 | | | N. Y., Tex. |
| *Sphaceloma spondiadis* Bitanc. & Jenkins: | | | | | |
| *Spondias mombin* (yellow mombin) | Barbados | 1 | | | P. R. |
| ‡*Sphaceloma zorniae* Bitanc. & Jenkins: | | | | | |
| *Zornia* sp. | St. Kitts | 1 | | | P. R. |
| ‡*Sphacelotheca penniseti* (Rab.) Reich.: | | | | | |
| *Pennisetum* sp. | Rhodesia | | | 1 | D. C. |
| *Stagonospora macrospora* (Dur. & Mont.) Sacc.: | | | | | |
| *Agave* sp. | Mexico | | | 2 | Ariz. |
| *Yucca* sp. (?) | do | 1 | | | Ariz. |
| ‡*Stereostratum corticioides* (Berk. & Br.) Magn.: | | | | | |
| Bamboo | Japan | 1 | | | Tex. |
| *Stromatinia gladioli* (Drayt.) Whet.: | | | | | |
| *Gladiolus*, sp. | Canada, France, Japan, Netherlands. | 1 | | 4 | Hawaii, Mich., N. Y. |
| *Taphrina deformans* (Berk.) Tul.: | | | | | |
| *Prunus amygdalus* (almond) | Lebanon | 1 | | | Mass. |
| *Thecopsora areolata* (Fr.) Magn.: | | | | | |
| *Picea* sp. (spruce) | Norway | | | 1 | N. Y. |
| *Thielaviopsis basicola* (Berk. & Br.) Ferr.: | | | | | |
| *Ipomoea batatas* (sweetpotato) | Peru | | 1 | | Calif.* |
| *Paeonia officinalis* vars. | Netherlands | | | 1 | N. J. |
| *Paeonia* sp. | England | | | 1 | N. J. |
| "Tomato pox": | | | | | |
| *Lycopersicon esculentum* (tomato) | Mexico | 1 | | | Tex. |
| †*Titirachium dependens* Limber: | | | | | |
| *Lilium longiflorum* (Easter lily) | Okinawa | | | 1 | Calif.* |
| †*Trochila ilicis* (Fr.) Crouan: | | | | | |
| *Ilex aquifolium* (English holly) | Ireland | 1 | | | Pa. |
| *Uredo anthurii* (Har.) Sacc.: | | | | | |
| *Anthurium* sp. | Panama | | | 1 | Fla. |
| *Uredo behnickiana* P. Henn.: | | | | | |
| *Epidendrum* sp. (orchid) | Mexico | | | 2 | Calif.* |
| *Laelia anceps* (orchid) | do | | | 2 | Tex. |
| *Oncidium varicosum rogersi* (orchid) | Brazil | | | 1 | N. J. |
| *Uredo epidendri* P. Henn.: | | | | | |
| *Diacrium bilamellatum* (orchid) | Canal Zone | | | 1 | Calif.* |
| *Epidendrum* sp. (orchid) | Colombia | | | 1 | Fla. |
| *Uredo epidendri* P. Henn. (?): | | | | | |
| *Epidendrum myrianthum* | Costa Rica | | | 1 | Fla. |
| *Epidendrum* sp. | Jamaica | | | 1 | Fla. |
| *Uredo jucunda* Syd.: | | | | | |
| *Philodendron* sp. | Costa Rica | | | 1 | Fla. |
| *Uredo nigropuncta* P. Henn.: | | | | | |
| *Bletia* sp. (orchid) | Bahamas | | | 1 | Fla. |
| *Uredo oncidii* P. Henn.: | | | | | |
| *Oncidium cebolleta* (orchid) | Costa Rica | | | 1 | Fla. |
| *Oncidium lanceanum* | Trinidad | | | 1 | Fla. |
| *Oncidium varicosum* | Brazil | | | 1 | N. J. |
| *Oncidium* sp. | Honduras | | | 2 | Fla. |
| *Uromyces alyxiae* Arth.: | | | | | |
| *Alyxia oliveaformis* (maile) | Hawaii | 4 | | | Hawaii. |
| †*Uromyces hordeinus* Arth.: | | | | | |
| *Hordeum* sp. | Afghanistan | | | 1 | D. C. |
| *Uromyces lespedezae-procumbentis* (Schw.) Curt.: | | | | | |
| *Lespedeza thunbergii* (thunberg lespedeza) | Japan | | | 1 | Calif.* |
| *Uromyces phaseoli* (Pers.) Wint.: | | | | | |
| *Phaseolus vulgaris* var. (string bean) | Mexico | 1 | | | Ariz. |
| *Uromyces punctatus* Schroet.: | | | | | |
| *Astragalus* sp. (milkvetch) | Afghanistan | | | 1 | D. C. |
| †*Uromyces trifolii* (Hedw. f.) Lev.: | | | | | |
| *Trifolium repens* (white clover) | do | | | 2 | D. C. |
| *Ustilago avenae* (Pers.) Rostr. (?): | | | | | |
| *Avena* sp. (?) | do | | | 1 | D. C. |
| *Ustilago bullata* Berk.: | | | | | |
| *Bromus catharticus* (rescue brome) | Chile | | | 1 | D. C. |

See footnotes at end of table.

*Pests collected and reported from July 1, 1954, through June 30, 1955*—Continued

| Pest and host | Country of origin | Number of interceptions in— | | | Collected in— |
|---|---|---|---|---|---|
| | | Consumption | Non-entry | Propagation | |
| ‡*Ustilago schismi* Bub.: | | | | | |
| *Schismus* sp | Afghanistan | ---- | ---- | 1 | D. C. |
| †*Ustilago striaeformis* (West.) Niessl.: | | | | | |
| *Lolium multiflorum* (Italian ryegrass) | Peru | ---- | ---- | 1 | D. C. |
| *Xanthomonas citri* (Hasse) Dowson: | | | | | |
| *Citrus aurantifolia* (sour lime) | India, unknown | ---- | 3 | ---- | La., Md., Mass. |
| *Citrus aurantium* (sour orange) | Japan | ---- | 18 | ---- | Calif.*, Tex. |
| *Citrus grandis* (pummelo) | do | ---- | 1 | ---- | Calif.* |
| *Citrus limon* (lemon) | China, Japan, New Guinea. | ---- | 17 | ---- | Calif., Pa. |
| *Citrus paradisi* (grapefruit) | Japan | ---- | 2 | ---- | Ala., Calif.* |
| *Citrus reticulata* (Mandarin orange) | China, Japan, Philippines. | 8 | 3 | ---- | Calif.*, Hawaii, Mass., Wash. |
| *Citrus sinensis* (orange) | China, Japan | 15 | 35 | ---- | Calif.*, Hawaii, Md., N.Y., Pa., Tex. |
| *Citrus* sp | China, Indonesia, Japan | 1 | 2 | ---- | Hawaii, Ill., Pa. |
| *Xanthomonas* sp. (Cancrosis B): | | | | | |
| *Citrus limon* (lemon) | Argentina, Brazil | ---- | 4 | ---- | N. Y., Pa. |
| *Citrus sinensis* (orange) | Argentina | ---- | 1 | ---- | Md. |

*An asterisk (*) indicates State inspection.*
*A dagger (†) indicates a first interception from the country named.*
*A double dagger (‡) indicates first record of its interception by Branch inspectors.*

*Hosts and Diseases*

AELUROPUS:
*Puccinia aeluropi* (Promycetes)
AGAVE:
‡*Hendersonia agaves* (Deuteromycetes)
*Stagonospora macrospora* (Deuteromycetes)
ALLIUM CEPA:
*Mycosphaerella schoenoprasi* (Ascomycetes)
ALLIUM FISTULOSUM:
*Mycosphaerella schoenoprasi* (Ascomycetes)
ALLIUM SATIVUM:
†*Fusarium oxysporum f. cepae* (Deuteromycetes)
ALNUS:
‡*Cryptosporium neesii* (?) (Deuteromycetes)
ALOCASIA:
‡*Colletotrichum thuemenii* (Deuteromycetes)
ALYXIA:
*Uromces alyxiae* (Promycetes)
ANNONA:
‡*Colletotrichum anonicola* (Deuteromycetes)
ANTHURIUM:
‡*Colletotrichum anthurii* (Deuteromycetes)
*Uredo anthurii* (Promycetes)
ANTIRRHINUM:
†*Phyllosticta antirrhini* (Deuteromycetes)
APIUM:
‡*Phoma apiicola* (Deuteromycetes)
ARAUCARIA:
*Cryptospora longispora* (Ascomycetes)
†*Dothiorella gregaria* (Deuteromycetes)
*Macrophoma araucariae* (Deuteromycetes)
*Pestalotia micheneri* (Deuteromycetes)
ARMERIA:
*Cercospora insulana* (Deuteromycetes)
ARISTOLOCHIA:
‡*Septoria aristolochiae* (?) (Deuteromycetes)
ASTRAGALUS:
*Uromyces punctatus* (Promycetes)
AUCUBA:
‡*Ascochyta aucubae* (?) (Deuteromycetes)
AVENA:
*Ustilago avenae* (?) (Promycetes)
BACCHARIS:
*Puccinia baccharidis* (Promycetes)
BAMBOO:
‡*Stereostratum corticioides* (Promycetes)
BETA:
*Papulaspora parasitica* (Deuteromycetes)
BLETIA:
*Uredo nigropuncta* (Promycetes)
BRASSAVOLA:
*Anthostomella keissleri* (Ascomycetes)
BRASSICA OLERACEA CAPITATA:
†*Plasmodiophora brassicae* (Myxomycetes)
BROMUS:
*Ustilago bullata* (Promycetes)
BUXUS:
*Puccinia buxi* (Promycetes)
CAJANUS:
*Phyllosticta cajani* (Deuteromycetes)
CAMELLIA:
*Discosia artocreas* (Deuteromycetes)
CANNA:
*Puccinia cannae* (Promycetes)
CAREX:
†*Cintractia caricis* (Promycetes)
CARICA:
*Asperisporium caricae* (Deuteromycetes)
CATTLEYA:
*Mycosphaerella cattleyae* (Ascomycetes)
CERCIDIPHYLLUM:
‡*Diplodia magnoliae* (Deuteromycetes)
CHAMAECYPARIS:
*Pestalotia funerea* (Deuteromycetes)
CHAMAEDOREA:
*Exosporium palmivorum* (Deuteromycetes)
*Phomopsis palmicola* (Deuteromycetes)
CHRYSANTHEMUM:
*Puccinia chrysanthemi* (Promycetes)
*Puccinia horiana* (Promycetes)
CITRULLUS:
Ringspot virus
CITRUS AURANTIFOLIA:
*Coniothyrium olivaceum* (Deuteromycetes)
*Elsinoe australis* (Ascomycetes)
*Phoma citricarpa* (Deuteromycetes)
*Xanthomonas citri* (Schizomycetes)
CITRUS AURANTIUM:
*Elsinoe australis* (Ascomycetes)
*Phoma citricarpa* (Deuteromycetes)
*Xanthomonas citri* (Schizomycetes)
CITRUS GRANDIS:
*Phoma citricarpa* (Deuteromycetes)
*Xanthomonas citri* (Schizomycetes)
CITRUS LIMON:
‡*Coniothecium scabrum* (?) (Deuteromycetes)
*Elsinoe australis* (Ascomycetes)
*Erwinia citrimaculans* (Schizomycetes)
*Phoma citricarpa* (Deuteromycetes)
†*Pseudomonas syringae* (Schizomycetes)
*Septoria citri* (Deuteromycetes)
*Xanthomonas citri* (Schizomycetes)
*Xanthomonas* sp. (Cancrosis B) (Schizomycetes)
CITRUS PARADISI:
*Phoma citricarpa* (Deuteromycetes)
*Septoria citri* (Deuteromycetes)
*Xanthomonas citri* (Schizomycetes)
CITRUS RETICULATA:
*Elsinoe australis* (Ascomycetes)
*Meliola citricola* (Ascomycetes)
*Phoma citricarpa* (Deuteromycetes)
*Xanthomonas citri* (Schizomycetes)
CITRUS RETICULATA UNSHIU:
*Elsinoe australis* (Ascomycetes)
CITRUS SINENSIS:
*Elsinoe australis* (Ascomycetes)
†*Erwinia citrimaculans* (Schizomycetes)
Leprosis
*Phoma citricarpa* (Deuteromycetes)
*Septoria citri* (Deuteromycetes)
*Xanthomonas citri* (Schizomycetes)
*Xanthomonas* sp. (Cancrosis B) (Schizomycetes)
CITRUS SP. (ORANGE):
*Phoma citricarpa* (Deuteromycetes)
*Xanthomonas citri* (Schizomycetes)
CITRUS SP.:
*Phoma citricarpa* (Deuteromycetes)
*Xanthomonas citri* (Schizomycetes)
COCOS:
*Eutypella cocos* (Ascomycetes)
CODIAEUM:
‡*Cercospora crotonis* (Deuteromycetes)
COELOGYNE:
*Guignardia traversi* (Ascomycetes)
COFFEA:
*Cercospora coffeicola* (Deuteromycetes)
‡*Pestalotia coffeae* (Deuteromycetes)
CRATAEGUS:
‡*Gymnosporangium clavipes* (Promycetes)
CUCUMIS:
‡*Helminthosporium cucumerinum* (Deuteromycetes)
CYMBIDIUM:
*Septoria selenophomoides* (Deuteromycetes)
CYNODON:
*Cerebella andropogonis* (Deuteromycetes)
*Phyllachora cynodontis* (Ascomycetes)
CYTISUS:
*Meloidogyne hapla* (Nematoda)
DAHLIA:
‡*Septonema toruloides* (Deuteromycetes)
DENDROBIUM:
*Guignardia traversi* (Ascomycetes)
*Pestalotia conspicua* (Deuteromycetes)
*Phyllostictina pyriformis* (Deuteromycetes)
DIACRIUM:
*Uredo epidendri* (Promycetes)
DIANTHUS:
‡*Alternaria dianthicola* (Deuteromycetes)
DIEFFENBACHIA:
‡*Colletotrichum dieffenbachiae* (Deuteromycetes)
EPIDENDRUM:
*Micropeltis bakeri* (Ascomycetes)
*Mycosphaerella cattleyae* (Ascomycetes)
*Uredo behnickiana* (Promycetes)
*Uredo epidendri* (Promycetes)

*A dagger (†) indicates a first interception from the country named.*
*A double dagger (‡) indicates first record of its interception from Branch inspectors.*

*Host and Diseases*—Continued

ERIOBOTRYA:
*Fusicladium eriobotryae* (Deuteromycetes)
‡*Pestalotia eriobotryae* (Deuteromycetes)
EUCALYPTUS:
‡*Macrophoma molleriana* (Deuteromycetes)
‡*Phyllosticta eztensa* (Deuteromycetes)
EUONYMUS:
*Oidium euonymi-japonici* (Deuteromycetes)
EURYA:
‡*Mycosphaerella euryae* (Ascomycetes)
FAGUS:
*Fusicoccum galericulatum* (Deuteromycetes)
‡*Phomopsis macrostomae* (Deuteromycetes)
FICUS:
‡*Colletotrichum ficus* (?) (Deuteromycetes)
FRAGARIA:
*Dendrophoma obscurans* (Ascomycetes)
GARDENIA:
*Omphalia flavida* (Deuteromycetes)
GLADIOLUS:
†*Botrytis gladiolorum* (Deuteromycetes)
*Curvularia trifolii* (Deuteromycetes)
*Fusarium oxysporum* f. *gladioli* (Deuteromycetes)
*Macrophomina phaseolina* (Deuteromycetes)
*Stromatinia gladioli* (Ascomycetes)
GOMPHRENA:
*Alternaria gomphrenae* (Deuteromycetes)
HEVEA:
‡*Hypocrella olivacea* (Ascomycetes)
HORDEUM:
‡*Entyloma crastophilum* (Promycetes)
†*Puccinia hordei* (Promycetes)
‡*Uromyces hordeinus* (Promycetes)
ILEX:
†*Pestalotia annulata* (Deuteromycetes)
†*Trochila ilicis* (Ascomycetes)
IPOMOEA:
†*Cercospora ipomoeae* (Deuteromycetes)
*Coleosporium ipomoeae* (Promycetes)
*Macrophomina phaseolina* (Deuteromycetes)
†*Meloidogyne javanica* (Nematoda)
*Thielaviopsis basicola* (Deuteromycetes)
IRIS:
*Colletotrichum liliacearum* (Deuteromycetes)
†*Heterosporium iridis* (Deuteromycetes)
†*Leptosphaeria heterospora* (Ascomycetes)
*Meloidogyne hapla* (Nematoda)
JATROPHA:
‡*Phakopsora jatrophicola* (Promycetes)
JUGLANS:
†*Marssonina juglandis* (Deuteromycetes)
JUNIPERUS:
*Gymnosporangium haraeanum* (Promycetes)
KALMIA:
*Cercospora kalmiae* (Deuteromycetes)
KERRIA:
*Phoma japonica* (Deuteromycetes)
LABURNUM:
*Coniothyrium cytisellum* (Deuteromycetes)
LAELIA:
*Phomopsis orchidophila* (Deuteromycetes)
*Septoria selenophomoides* (Deuteromycetes)
*Uredo behnickiana* (Promycetes)
LESPEDEZA:
*Uromyces lespedezae-procumbentis* (Promycetes)
LILIUM:
*Colletotrichum liliacearum* (Deuteromycetes)
†*Tritirachium dependens* (Deuteromycetes)
LOLIUM:
†*Ustilago striaeformis* (Promycetes)
LYCOPERSICON:
"Tomato pox"
MALUS:
*Cylindrosporium pomi* (Deuteromycetes)
*Monilinia fructigena* (Ascomycetes)
*Mycosphaerella pomi* (Ascomycetes)
*Neofabraea malicorticis* (?) Ascomycetes)
*Phomopsis mali* (?) (Deuteromycetes)
†*Physalospora obtusa* (Ascomycetes)
MANGIFERA:
*Phyllosticta mortoni* (Deuteromycetes)
†*Phyllostictina mangiferae* (Deuteromycetes)
*Sphaceloma mangiferae* (Deuteromycetes)
MANIHOT:
‡*Cercospora caribaea* (Deuteromycetes)
MENTHA:
*Puccinia menthae* (Promycetes)
MUSA:
*Cercospora musae* (Deuteromycetes)
*Cordana musae* (Deuteromycetes)
†*Gloeosporium musarum* (Deuteromycetes)
NARCISSUS:
†*Fusarium oxysporum* f. *narcissi* (Deuteromycetes)
*Ophiostoma narcissi* (Ascomycetes)
‡*Ramularia vallisumbrosae* (Deuteromycetes)
ODONTOGLOSSUM:
*Septoria selenophomoides* (Deuteromycetes)
OLEA:
*Macrophoma oleae* (Deuteromycetes)
ONCIDIUM:
*Uredo behnickiana* (Promycetes)
*Uredo oncidii* (Promycetes)
ORCHID:
*Anthostomella keissleri* (Ascomycetes)
†*Hypocrella caulium* (Ascomycetes)
*Micropeltis bakeri* (Ascomycetes)
*Pestalotia conspicua* (Deuteromycetes)
*Phyllostictina pyriformis* (Deuteromycetes)
*Septoria selenophomoides* (Deuteromycetes)
ORNITHOGALUM:
*Puccinia ornithogali-thyrsoides* (Promycetes)
ORYZA:
*Entyloma oryzae* (Promycetes)
PAEONIA:
*Pestalotia rhododendri* (Deuteromycetes)
*Sclerotiopsis testudinea* (Deuteromycetes)
*Thielaviopsis basicola* (Deuteromycetes)
PALM:
*Exosporium palmivorum* (Deuteromycetes)
†*Graphiola phoenicis* (Promycetes)
PANICUM:
*Cerebella andropogonis* (Deuteromycetes)
PASPALUM:
*Cerebella andropogonis* (Deuteromycetes)
PASTINACA:
*Phoma nebulosa* (Deuteromycetes)
PELARGONIUM:
*Puccinia pelargonii-zonalis* (Promycetes)
PENNISETUM:
*Cerebella andropogonis* (Deuteromycetes)
*Sphacelotheca penniseti* (Promycetes)
PERSEA:
*Cercospora purpurea* (Deuteromycetes)
PHAJUS:
*Coleosporium bletiae* (Promycetes)
PHASEOLUS:
†*Collectotrichum truncatum* (Deuteromycetes)
*Phytophthora phaseoli* (Phycomycetes)
†*Pseudomonas phaseolicola* (?) (Schizomycetes)
*Uromyces phaseoli* (Promycetes)
PHILODENDRON:
*Colletotrichum philodendri* (Deuteromycetes)
*Discosia artocreas* (Deuteromycetes)
*Phyllachora euglei* (Ascomycetes)
*Uredo jucunda* (Promycetes)
PHLEUM:
‡*Septoria phleina* (?) (Deuteromycetes)
PHRAGMITES:
†*Puccinia phragmitis* (Promycetes)
PICEA:
‡*Chrysomyxa ledicola* (Promycetes)
*Thecopsora areolata* (Promycetes)
PINUS:
†*Cytospora pinastri* (Deuteromycetes)
*Lophodermium pinastri* (Ascomycetes)
‡*Microdiplodia conigena* (Deuteromycetes)
PISUM:
†*Pseudomonas seminum* (?) (Schizomycetes)
POA:
‡*Puccinia poae-nemoralis* (Promycetes)
PROTEA:
*Cercospora protearum* (Deuteromycetes)
PRUNUS AMYGDALUS:
*Taphrina deformans* (Ascomycetes)
PRUNUS ARMENIACA:
*Coryneum carpophilum* (Deuteromycetes)

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## *Host and Diseases*—Continued

PRUNUS DOMESTICA:
†*Monilinia laxa* (Ascomycetes)
*Myriangium duriaei* (Ascomycetes)
PRUNUS PERSICA:
*Coryneum carpophilum* (Deuteromycetes)
†*Monilinia laxa* (Ascomycetes)
PSIDIUM:
*Pestalotia psidii* (*Deuteromycetes*)
PUNICA:
*Cercospora punicae* (Deuteromycetes)
*Sphaceloma punicae* (Deuteromycetes)
PYRUS:
‡*Fusicladium pyrinum* (Deuteromycetes)
*Monilinia fructigena* (Ascomycetes)
RHODODENDRON:
*Chrysomyxa ledi* var. rhododendri (Promycetes)
‡*Colletotrichum azaleae* (Deuteromycetes)
*Diplodina eurhododendri* (Deuteromycetes)
*Pestalotia rhododendri* (Deuteromycetes)
ROSA:
†*Diaporthe eres* (Ascomycetes)
*Phragmidium disciflorum* (Promycetes)
RUSCUS:
*Leptosphaeria ruscі* (Ascomycetes)
*Phyllosticta ruscicola* (Deuteromycetes)
SACCHARUM:
*Cercospora vaginae* (Deuteromycetes)
†*Cytospora sacchari* (Deuteromycetes)
SALIX:
‡*Cytospora fertilis* (Deuteromycetes)
‡*Cytospora salicis* (Deuteromycetes)
†*Diplodina salicis* (Deuteromycetes)
SANSEVIERIA:
†*Gloeosporium sansevieriae* (Deuteromycetes)
SCAPHYGLOTTIS:
*Pestalotia conspicua* (Deuteromycetes)
SCHISMUS:
‡*Ustilago schismi* (Promycetes)
SCINDAPSUS:
‡*Colletotrichum pothi* (Deuteromycetes)
*Phoma engleri* (Deuteromycetes)
SCIRPUS:
*Puccinia scirpi* (Promycetes)
SCIRPUS (?):
‡*Physoderma schroeteri* (Phycomycetes)
SCLERIA (?):
‡*Phyllachora scleriae* (Ascomycetes)
SOBRALIA:
†*Mycosphaerella cattleyae* (Ascomycetes)
SOIL:
*Heterodera avenae* (Nematoda)
*Heterodera cacti* (Nematoda)
‡*Heterodera humuli* (Nematoda)
*Heterodera punctata* (Nematoda)
*Heterodera rostochiensis* (Nematoda)
†*Heterodera schachtii* (Nematoda)
SOLANUM:
*Macrophomina phaseolina* (Deuteromycetes)
*Meloidogyne incognita* (Nematoda)
†*Meloidogyne javanica* (Nematoda)
*Oospora pustulans* (Deuteromycetes)
‡*Phytophthora erythroseptica* (Phycomycetes)
SORGHUM:
*Phoma insidiosa* (Deuteromycetes)
SPONDIAS:
‡*Sphaceloma spondiadis* (Deuteromycetes)
STANHOPEA:
*Pestalotia conspicua* (Deuteromycetes)
*Phyllostictina pyriformis* (Deuteromycetes)
*Septoria selenophomoides* (Deuteromycetes)
THUJA:
*Pestalotia funerea* (Deuteromycetes)
TRIFOLIUM:
*Polythrincium trifolii* (Deuteromycetes)
*Uromyces trifolii*
TRITICUM:
*Colletotrichum graminicola* (Deuteromycetes)
‡*Hendersonia crastophila* (Deuteromycetes)
*Leptosphaeria eustomoides* (Ascomycetes)
†*Neovossia indica* (Promycetes)
URGINEA:
*Macrophomina phaseolina* (Deuteromycetes)
VANDA:
*Pestalotia conspicua* (Deuteromycetes)
YUCCA (?):
*Stagonospora macrospora* (Deuteromycetes)
ZANTEDESCHIA:
†*Meloidogyne javanica* (Nematoda)
ZINGIBER
*Melonospora zamiae* (Ascomycetes)
ZORNIA:
‡*Sphaceloma zorniae* (Deuteromycetes)

## *Hosts Unknown*

BEAN:
‡*Ascochyta bolthauseri* (Deuteromycetes)
GRASS:
*Phyllachora graminis* (Ascomycetes)
HAY:
*Phyllachora graminis* (Ascomycetes)
LEGUMINOSAE:
†*Phyllosticta phaseolina* (Deuteromycetes)

## *Countries of Origin and Diseases*

AFGHANISTAN:
‡*Entyloma crastophilum*
†*Neovossia indica*
*Puccinia aeluropi*
†*Puccinia hordei*
‡*Puccinia poae-nemoralis*
‡*Septoria phleina* (?)
‡*Uromyces hordeinus*
*Uromyces punctatus*
†*Uromyces trifolii*
*Ustilago avenae* (?)
‡*Ustilago schismi*
AFRICA:
†*Gloeosporium musarum*
ALGERIA:
*Heterodera cacti*
ANTIGUA:
*Cercora vaginae*
ARGENTINA:
*Elsinoe australis*
*Heterodera rostochiensis*
*Meloidogyne incognita*
*Septoria citri*
*Xanthomonas* sp. (Cancrosis B)
AUSTRALIA:
†*Botrytis gladiolorum*
*Cerebella andropogonis*
*Colletotrichum liliaceearum*
*Cryptospora longispora*
†*Dothiorella gregaria*
*Macrophoma araucariae*
*Pestalotia conspicua*
*Phoma citricarpa*
†*Pseudomonas syringae*
‡*Septonema toruloides*
AUSTRIA:
*Heterodera rostochiensis*
AZORES:
‡ *Macrophoma molleriana*
*Meloidogyne incognita*
*Meloidogyne javanica*
*Puccinia menthae*
BAHAMAS:
*Uredo nigropuncta*
BARBADOS:
‡*Sphaceloma spondiadis*

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*Countries of Origin and Diseases*—Continued

BELGIUM:
‡*Ascochyta aucubae* (?)
†*Fusarium oxysporum* f. *narcissi*
*Heterodera avenae*
*Heterodera rostochiensis*
*Macrophomina phaseolina*
BERMUDA:
†*Cercospora ipomoeae*
BRAZIL:
*Cercospora coffeicola*
†*Colletotrichum truncatum*
*Elsinoe australis*
*Heterodera rostochiensis*
Leprosis
*Pestalotia conspicua*
*Pestalotia funerea*
*Septoria selenophomoides*
*Uredo behnickiana*
*Uredo oncidii*
*Xanthomonas* sp. (Cancrosis B)
CANADA:
‡*Chrysomyxa ledicola*
*Pestalotia funerea*
*Stromatinia gladioli*
CANAL ZONE:
*Anthostomella keissleri*
*Micropeltis bakeri*
*Mycosphaerella cattleyae*
*Pestalotia conspicua*
*Phyllostictina pyriformis*
*Uredo epidendri*
CANARY ISLANDS:
†*Microdiplodia conigena*
CEYLON:
*Pestalotia conspicua*
CHILE:
*Macrophomina phaseolina*
*Ustilago bullata*
CHINA:
*Phoma citricarpa*
*Xanthomonas citri*
COLOMBIA:
*Uredo epidendri*
COSTA RICA:
*Anthostomella keissleri*
†*Hypocrella caulium*
*Mycosphaerella cattleyae*
*Phyllachora engleri*
*Uredo epidendri* (?)
*Uredo jucunda*
*Uredo oncidii*
CUBA:
*Asperisporium caricae*
*Curvularia trifolii*
CZECHOSLOVAKIA:
*Dendrophoma obscurans*
DENMARK:
*Heterodera avenae*
*Heterodera rostochiensis*
DOMINICAN REPUBLIC:
*Cordana musae*
ECUADOR:
‡*Cercospora caribaea*
†*Phyllosticta phaseolina*
EGYPT:
*Heterodera schachtii*
*Meloidogyne javanica*
ENGLAND:
*Cercospora kalmiae*
*Chrysomyxa ledi* var. *rhododendri*
*Colletotrichum liliacearum*
‡*Cytospora fertilis*
†*Diplodina salicis*
*Heterodera avenae*
*Heterodera punctata*
*Heterodera rostochiensis*
*Mycosphaerella pomi*
†*Pseudomonas phaseolicola* (?)
*Puccinia buxi*
‡*Ramularia vallisumbrosae*
‡*Septoria aristolochiae* (?)
*Septoria selenophomoides*
*Thielaviopsis basicola*
FIJI ISLANDS:
*Phoma citricarpa*
FINLAND:
*Heterodera punctata*
FORMOSA:
*Phoma citricarpa*
FRANCE:
*Colletotrichum graminicola*
*Fusarium oxysporum* f. *gladioli*
*Heterodera avenae*
*Heterodera cacti*
*Meloidogyne javanica*
†*Monilinia laxa*
*Phragmidium disciflorum*
*Stromatinia gladioli*
GERMANY:
†*Ascochyta bolthauseri*
‡*Cytospora salicis*
†*Diaporthe eres*
‡*Fusicladium pyrinum*
*Heterodera avenae*
*Heterodera cacti*
*Heterodera punctata*
*Heterodera rostochiensis*
*Leptosphaeria eustomoides*
*Monilinia fructigena*
*Neofabraea malicorticis* (?)
*Oidium euonymi-japonici*
GREECE:
*Heterodera avenae*
†*Marssonina juglandis*
GUADELOUPE:
‡*Phakopsora jatrophicola*
GUAM:
*Eutypella cocos*
GUATEMALA:
*Mycosphaerella cattleyae*
HAWAII:
*Phoma citricarpa*
*Phyllosticta mortoni*
*Puccinia pelargonii-zonalis*
*Uromyces alyxiae*
HONDURAS:
*Cercospora musae*
*Uredo oncidii*
INDIA:
*Colesoporium bletiae*
*Entyloma oryzae*
*Meloidogyne incognita*
*Phyllachora graminis*
*Xanthomonas citri*
INDONESIA:
*Xanthomonas citri*
IRAN:
*Cintractia caricis*
*Polythrincium trifolii*
IRELAND:
*Heterodera punctata*
*Heterodera rostochiensis*
*Oospora pustulans*
†*Plasmodiophora brassicae*
*Puccinia buxi*
†*Trochila ilicis*
ISRAEL:
†*Leptosphaeria heterospora*
ITALY:
‡*Alternaria dianthicola*
‡*Coniothecium scabrum*
*Coryneum carpophilum*
*Erwinia citrimaculans*
*Fusicladium eriobotryae*
*Heterodera avenae*
*Heterodera cacti*
*Leptosphaeria rusci*
*Macrophoma oleae*
*Meloidogyne incognita*
*Meloidogyne javanica*
*Monilinia fructigena*
*Papulaspora parasitica*
*Phoma citricarpa*
‡*Phyllachora scleriae*
*Phyllosticta ruscicola*
*Puccinia scirpi*

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*Countries of Origin and Diseases*—Continued

ITALY—Continued
*Septoria citri*
*Sphaceloma punicae*
JAMAICA:
*Puccinia cannae*
*Uredo epidendri* (?)
JAPAN:
*Colletotrichum liliacearum*
*Cryptospora longispora*
*Discosia artocreas*
*Entyloma oryzae*
*Gymnosporangium haraeanum*
‡*Hendersonia crastophila*
*Macrophomina phaseolina*
*Meloidogyne hapla*
†*Monilinia laxa*
‡*Mycosphaerella euryae*
*Mycosphaerella schoenoprasi*
†*Pestalotia annulata*
‡*Pestalotia eriobotryae*
*Phoma citricarpa*
*Phomopsis mali* (?)
†*Phyllosticta antirrhini*
*Puccinia chrysanthemi*
*Puccinia horiana*
†*Puccinia phragmitis*
*Sclerotiopsis testudinea*
*Septoria citri*
‡*Stereostratum corticioides*
*Stromatinia gladioli*
*Uromyces lespedezae-procumbentis*
*Xanthomonas citri*
JAVA:
*Phoma citricarpa*
KENYA:
*Cerebella andropogonis*
*Phyllachora cynodontis*
LEBANON:
*Taphrina deformans*
LIBERIA:
‡*Hypocrella olivacea*
LUXEMBOURG:
*Heterodera avenae*
MARTINIQUE:
‡*Colletotrichum pothi*
*Phoma engleri*
MEXICO:
*Asperisporium caricae*
*Cercospora coffeicola*
‡*Cercospora crotonis*
*Cercospora insulana*
‡*Cercospora punicae*
*Cercospora purpurea*
*Colcosporium ipomoeae*
†*Colletotrichum anthurii*
†*Colletotrichum dieffenbachiae*
‡*Colletotrichum ficus* (?)
*Coniothyrium olivaceum*
*Coryneum carpophilum*
†*Cytospora sacchari*
†*Diaporthe eres*
*Discosia artocreas*
*Entyloma oryzae*
*Exosporium palmivorum*
‡*Helminthosporium cucumerinum*
‡*Hendersonia agaves*
*Heterodera cacti*
*Heterodera punctata*
*Heterodera rostochiensis*
*Leprosis*
*Macrophomina phaseolina*
*Mycosphaerella cattleyae*
*Myriangium duriaei*
*Omphalia flavida*
‡*Pestalotia coffeae*
*Pestalotia peidii*
*Phomopsis orchidophila*
*Phomopsis palmicola*
*Phyllachora graminis*
‡*Phyllostictina mangiferae*
*Phyllostictina pyriformis*
*Phytophthora phaseoli*

MEXICO—Continued
*Puccinia baccharidis*
*Ringspot virus*
*Septoria selenophomoides*
*Sphaceloma mangiferae*
*Sphaceloma punicae*
*Stagonospora macrospora*
"Tomato pox"
*Uredo behnickiana*
*Uromyces phaseoli*
MOROCCO:
*Heterodera avenae*
NETHERLANDS:
*Cercospora kalmiae*
‡*Colletotrichum azaleae*
*Coniothyrium cytisellum*
‡*Cryptosporium neesii* (?)
*Cylindrosporium pomi*
‡*Diplodia magnoliae*
*Diplodina eurhododendri*
*Fusicoccum galericulatum*
‡*Gymnosporangium clavipes*
*Heterodera punctata*
*Heterodera rostochiensis*
†*Heterosporium iridis*
*Meloidogyne hapla*
*Pestalotia rhododendri*
‡*Phoma apiicola*
*Phoma japonica*
‡*Phomopsis macrostomae*
‡*Phytophthora erythroseptica*
*Stromatinia gladioli*
*Thielaviopsis basicola*
NEW GUINEA:
*Guignardia traversi*
*Phyllostictina pyriformis*
*Xanthomonas citri*
NEW ZEALAND:
*Pestalotia rhododendri*
*Phoma citricarpa*
†*Physalospora obtusa*
NIGERIA:
*Phoma insidiosa*
NORFOLK ISLAND:
*Cryptospora longispora*
*Macrophoma araucariae*
*Pestalotia micheneri*
NORTHERN IRELAND:
*Ophiostoma narcissi*
NORWAY:
*Heterodera punctata*
*Thecospora areolata*
OKINAWA:
*Tritirachium dependens*
ORIENT:
*Phoma citricarpa*
PANAMA:
‡*Colletotrichum anthurii*
*Micropeltis bakeri*
*Phyllostictina pyriformis*
*Septoria citri*
*Uredo anthurii*
PARAGUAY:
*Elsinoe australis*
PERU:
*Heterodera rostochiensis*
*Thielaviopsis basicola*
‡*Ustilago striaeformis*
PHILIPPINES:
*Eutypella cocos*
†*Gloeosporium sansevieriae*
*Meliola citricola*
*Xanthomonas citri*
PITCAIRN ISLAND:
*Erwinia citrimaculans*
POLAND:
*Heterodera rostochiensis*
PORTUGAL:
‡*Physoderma schroeteri*
PUERTO RICO:
‡*Alternaria gomphrenae*
‡*Colletotrichum anonicola*

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PUERTO RICO—Continued
*Colletotrichum philodendri*
‡*Colletotrichum thuemenii*
*Phyllocticta cajani*
RHODESIA:
‡*Sphacelotheca penniseti*
ST. KITTS:
‡*Sphaceloma zorniae*
SALVADOR:
†*Mycosphaerella cattleyae*
SCOTLAND:
*Colletotrichum liliacearum*
†*Cytospora pinastri*
*Heterodera punctata*
*Heterodera rostochiensis*
†*Leptosphaeria heterospora*
*Lophodermium pinastri*
SPAIN:
*Entyloma oryzae*
†*Fusarium ozysporum f. cepae*
*Heterodera avenae*
*Heterodera rostochiensis*
‡*Phyllosticta extensa*
*Septoria citri*
SPANISH MOROCCO:
Ringspot virus
STRAITS SETTLEMENTS:
*Phoma citricarpa*
SWEDEN:
*Heterodera rostochiensis*
*Phoma nebulosa*
SWITZERLAND:
*Chrysomyza ledi* var. *rhododendri*
*Heterodera cacti*
‡*Heterodera humuli*
TRANSVAAL:
*Cerebella andropogonis*
TRINIDAD:
*Cercospora purpurea*
*Uredo oncidii*
TUNISIA:
*Septoria citri*
TURKEY:
†*Graphiola phoenicis*
†*Macrophomina phaseolina*
†*Pseudomonas seminum* (?)
UNION OF SOUTH AFRICA:
*Cercospora protearum*
*Coryneum carpophilum*
*Erwinia citrimaculans*
*Phoma citricarpa*
*Puccinia ornithogali-thyrsoides*
UNKNOWN:
*Cercospora kalmiae*
*Chrysomyza ledi* var. *rhododendri*
*Heterodera rostochiensis*
*Puccinia buxi*
*Xanthomonas citri*
URUGUAY:
*Elsinoe australis*
WALES:
*Heterodera rostochiensis*

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